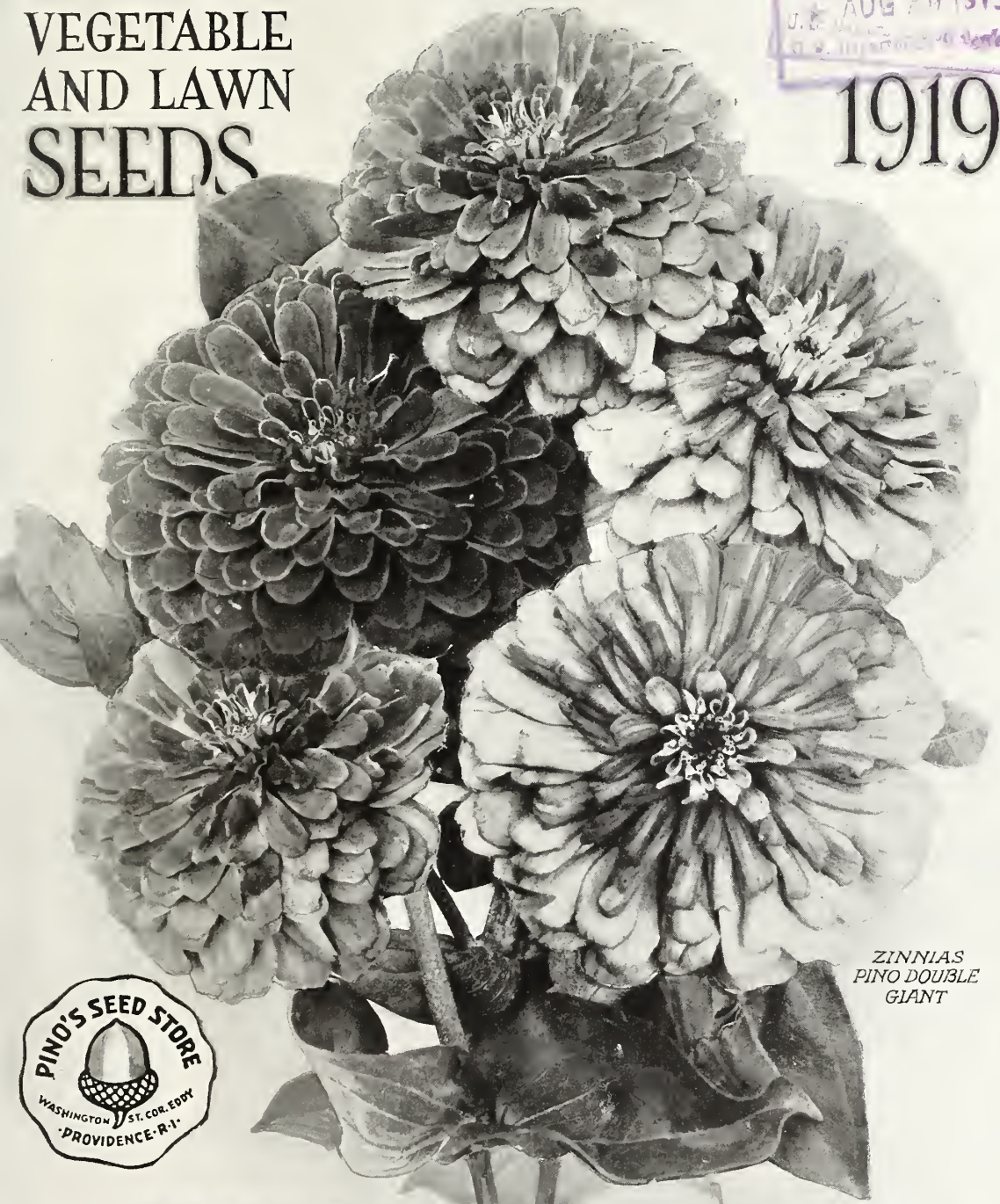


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FLOWER
VEGETABLE
AND LAWN
SEEDS

U.S. DEPT. OF AGRICULTURE
JUL 24 1919
1919



ZINNIAS
PINO DOUBLE
GIANT



WILLIS S. PINO

41 AND 43 WASHINGTON STREET
COR. EDDY STREET, PROVIDENCE, R.I.



The Preparation and Care of a Lawn

A well cared for lawn adds more than any other one thing to the attractiveness of the home grounds, and not only this, but it increases the value of property by much more than the mere expense of securing the lawn. There are a few simple rules which, if followed consistently, will be certain to bring good results.

The ground must first be thoroughly prepared by draining, if necessary, and spade or plow to the depth of 6 to 12 inches, according to the nature of the soil, applying a liberal quantity of well decomposed manure, bone meal or pulverized sheep manure, the latter we recommend as being lasting in effect, not liable to burn the grass and free from weeds. Clean the ground

thoroughly and rake perfectly smooth and level, as much of the success depends upon this part of the preparation. The seed should be sown on a calm day, that it may be applied evenly and at the rate of sixty-four pounds per acre, or one pound is sufficient for 600 square feet. After the seed is sown the ground should be rolled with a light roller or evenly tamped with the back of a spade. The plot should be mowed every ten days from May until September, using a sharp scythe in preference to a mower until a close turf is formed. Frequent mowing and rolling is necessary to maintain a close even turf. April and September are the best months for sowing lawn seed.

Park Lawn Grass Mixture

In our lawn mixture we use only the highest quality, extra clean seed, and free from weed seeds which abound in inferior grades. We use only the choicest low growing grasses, and a lawn produced from our seeds will maintain a rich, dark velvety appearance and a permanent sod. One pound will sow 600 square feet. $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 4 lbs., \$1.25; 100 lbs., \$30.00.

Shady Nook Grass Mixture

A special mixture of grasses adapted to growing under trees and in shady places, where it is quite difficult to produce a satisfactory growth. 1 quart, 35c; $\frac{1}{2}$ pk., \$1.25; 1 peck, \$2.00.

FOR LAWN DRESSING USE

Pulverized Sheep Manure



A well kept Vegetable Garden is an attractive feature of the home grounds

Foreword

SERVICE. Our increased store space and strictly up-to-date fixtures have in the past season enabled us to give our customers a vastly improved service which has met with universal comment. The greater capacity has enabled us to pack the greater portion of our stock before the season opens allowing of far more care and less danger of errors which often occur when these items require handling in an abnormal rush.

THE CENTRAL SYSTEM. This season we have adopted the Central System. The old method of selling by the pint, quart and bushel has been discontinued for the more accurate, fair and sensible method of selling by the pound which is rapidly replacing the older system among the seed houses in general. The Central System coming method of selling not only seeds but vegetables, food, etc., and has been adopted by law in several states.

SELECTION OF STOCK. During the past four years European growers have gradually lost their experienced labor and discontinued growing the usual seed crops and in many cases the stocks they had year after year endeavored to maintain up to certain standards have been lost. This has forced production into new fields without experienced labor and skill in selection and preparation for market which is liable to cause many inferior stock to be offered.

We have used every precaution in securing our stock from old reliable growers and to procure the best they were able to produce under the new demands placed upon them.

LOCATION OF STORE. My store will be found on the northwest corner of Washington and Eddy streets, one block from Dorrance or Westminster streets, and within a short distance of the Union Railroad Station.

SEEDS BY MAIL. For the benefit of out-of-town buyers, I pay postage on all seeds ordered in packets, ounces and one-fourth pounds. Add for prepayment of postage on large quantities at parcel post rates, according to zone.

PARCEL POST RATES. 1st and 2nd zones, within 150 miles, first pound 5c., additional pounds 1c. each. 3rd Zone, 150 to 300 miles, first pound 6c., additional pounds, 2c. 4th Zone, 300 to 600 miles, first pound, 7c., additional pounds 4c. each.

PACKING AND DELIVERY. I make no charge for boxes and packing and deliver all goods free within the city limits. Seamless and small cloth bags are charged at value.

While great care is exercised to have all seeds pure and reliable, I do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions they must be returned at once, and the money that has been paid for the same will be refunded.

WILLIS S. PINO

THE BEST VEGETABLE SEEDS

All vegetable seeds except Peas, Beans, Corn and those otherwise mentioned, are put up in 10 cent packages. We send Free by Mail all vegetable seeds in packages, ounces and one-fourth pounds; larger quantities, add postage according to parcel post zone rates.

Artichokes

Sow seeds in hot bed early in spring in rows six inches apart, transplant into boxes or pots. Plant in open ground after danger of frost is past, two by three feet between plants. Rich, sandy loam is best adapted. Sow seed in open ground in May and protect until cold weather is past and will head the second year.

Large Globe or Paris. Pkt., 15c; oz., \$1.00.



Beans Improved Golden Wax

Asparagus

One ounce to 40 feet of drill

Sow the seed in spring in drills 15 inches apart; the following spring transplant to permanent beds. Plant for private use in rows 6 inches apart and allow 12 inches in the rows, covering the roots 6 inches. For market on a large scale, set 4 by 2 feet.

Conover's Colossal. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Palmetto. Oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



Asparagus Palmetto

Beans—Dwarf or Bush

One pound to 50 feet of drill

For succession bush beans should be planted at intervals of two weeks from May until August. Make drills two feet apart and two inches deep.

Stringless Green Pod. Extra early, stringless, round pod. Very prolific and excellent quality. Pkt., 25c; lb., 45c; 2 lbs., 80c; 10 lbs. \$3.75.

Extra Early Red Valentine. An excellent round green podded sort. Pkt. 25c; lb. 40c; 2 lbs., 75c; 10 lbs. \$3.50.

Black Valentine. Pods long, round and straight, good quality. Pkt., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

Early Bountiful. Practically a stringless Yellow Six Weeks. Pkt., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

Dwarf Horticultural. An excellent shell bean. Pkt., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

Goddard, or Boston Favorite. Larger than the preceding variety. Pkt., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

Low's Champion. Recommendable as a string or shell bean. Pkt., 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

Improved Golden Wax. A favorite among yellow podded varieties; pods flat. Pkt., 25c; lb., 45c; 2 lbs., 85c; 10 lbs., \$4.00.

Round Pod Kidney Wax. Of the finest quality; entirely stringless. Pkt., 25c; lb., 45c; 2 lbs., 85c; 10 lbs., \$4.00.

Pencil Pod Black Wax. Pods round, bright yellow and entirely stringless. Pkt. 25c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

Burpee's New Kidney Wax. Pods long, entirely stringless; prolific. Excellent. Pkt., 25c; lb., 45c; 2 lbs., 85c; 10 lbs., \$4.00.

Wardwell Kidney Wax. Popular variety. Wide, flat pods, white seed. Pkt., 25c; lb., 45c; 2 lbs., 85c; 10 lbs., \$4.00.

Fordhook Bush Lima. Very productive and of excellent quality. Pkt., 25c; lb., 60c; 2 lbs., \$1.00; 10 lbs., \$4.50.

Henderson's Bush Lima. Earlier than the Burpee, but a smaller bean. Pkt., 25c; lb., 40c; 2 lbs., 75c.

Burpee's Bush Lima. The best variety. Equal in size to Lima. Pkt., 25c; lb. 50c; 2 lbs., 90c; 10 lbs., \$4.25.

Field Beans

Pea or Navy, Red Kidney, Yellow Eye. Pkt., 15c; lb., 25c; 2 lbs., 50c.

Pole or Running Beans

One pound to 75 hills

The planting of pole beans should be delayed a week or more after the planting of the early dwarf sorts. Make hills about 3 feet apart and 1 to 2 inches deep, and plant 5 or 6 seeds in each hill; thin to three plants in each hill when well established. Limas should not be planted until weather becomes warm and settled. Flat beans should be placed in the soil edgewise, eye down.

Mammoth Horticultural Pole. A very prolific shell bean. Pkt., 25c; lb., 45c; 2 lbs., 85c; 10 lbs., \$4.00.

Kentucky Wonder. An excellent variety, entirely stringless, round pod. Pkt., 25c; lb., 45c; 2 lbs., 85c; 10 lbs., \$4.00.

Lazy Wife. Long, thick, stringless pod; also a fine white seed shell bean. Pkt., 25c; lb., 50c; 2 lbs., 90c.

Golden Cluster Wax. A yellow podded variety of fine quality. Pkt., 25c; lb., 60c; 2 lbs., \$1.00.

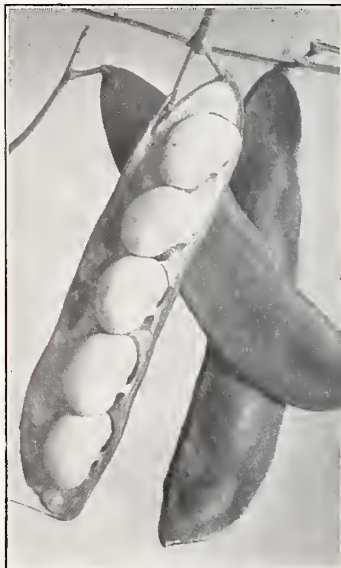
Scarlet Runner. Highly ornamental; also used as a table bean. Pkt., 25c; lb., 40c; 2 lbs., 75c.

Large White Lima (Extra Size). The standard pole Lima. Quality excellent. Pkt., 25c; lb. 50c; 2 lbs., 90c.

Sevia, or Small Lima. An excellent bean, earlier and more hardy than large Limas. Pkt. 25c; lb., 45c.

English Broad Windsor. The standard English bean. Pkt., 25c; lb., 50c; 2 lbs., 95c.

Yard Long. A very curious sort, producing pods two feet or more in length, the thickness of a lead pencil. Small pkt., 10c.



Beans Burpee's Bush Lima

Beets

One ounce to 50 feet of drill; 5 to 6 pounds per acre.

Sow early as ground can be worked in the spring, and for succession follow every two weeks until July. For main crop sow last of May. Light sandy loam well enriched with stable manure is best adapted and should be plowed and harrowed until very fine. Make drills one foot apart, and when well up thin to four or five inches in the row.

Extra Early Egyptian. A very early flat blood-red sort. Popular for first planting and forcing. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Crosby's Egyptian. An improved strain of Egyptian Beet. Rich dark red, crisp and tender. An excellent early sort. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Eclipse. Globe-shaped, extremely early and excellent quality. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Detroit Dark Red. Very tender and sweet; skin dark blood red; flesh bright red; fine round shape. Excellent for main crop. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Edmand's Blood Turnip. Highly recommendable for main crop; uniform in size, very dark flesh, excellent quality. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Dewing's Blood Turnip. A standard main crop variety of excellent shape and color. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Sugar Beets and Mangel Wurzels

Sow in May or June; 5 to 8 pounds per acre.

Norbiton's Giant. A long red variety adapted to deep soil. **Oz., 10c; ¼ lb., 35c; lb., \$1.25.**

Golden Tankard. A yellow variety, formed mostly above ground; easily pulled. **Oz., 10c; ¼ lb., 35c; lb., \$1.25.**

Half Sugar Mangel. Fresh pure white, firm and very sweet. **Oz. 10c; ¼ lb., 35c; lb., \$1.25.**

Vilmorin's White Sugar. The best sugar beet for stock feeding. **Oz., 10c; ¼ lb., 35c; lb. \$1.25.**

Swiss Chard or Spinach Beets

Giant Lucullus. Extra large, crumpled or savoy leaved. Leaves used as greens, cooked in same manner as Spinach, and the large ribs are prepared like asparagus. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb. \$2.25.**

Large White. Similar to above, plain leaved. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.**



Beet Detroit Dark Red

Broccoli

One ounce will produce about 3,000 plants.

Closely resembles Cauliflower, but more hardy and sure heading. Sow seed in May and plant out in June in rows two feet apart each way.

White Cape. Heads creamy-white and of large size. **Pkt., 10c; oz., 75c.**

Brussels Sprouts

One ounce will produce about 3,000 plants.

The seed should be sown about the middle of May in a seed bed, and plants afterward set in rows two feet or more apart and cultivated like Cabbage. This vegetable does not require extremely high cultivation. It is ready for use late in autumn after early frosts.

Dwarf Improved. Compact in growth and of excellent quality. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Borecole or Kale

One ounce will produce about 3,000 plants.

Sow in beds early in spring and transplant in June; treating in same manner as Cabbage.

Dwarf Green Curled Scotch. Very dwarf and spreading, the best variety. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Siberian (Dwarf German Greens or Sprouts). Usually sown in September, to use the following spring. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**

Carrots

One ounce to 100 feet of drill; four pounds per acre.

For early crop sow as soon as the ground can be worked; they may be sown as late as the middle of June. The drills should be one inch deep and one foot apart, thinning out to three or four inches between the plants. Carrots do best in a deeply tilled sandy loam.

Early Scarlet Horn. A favorite sort; for early Summer use. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Early French Forcing. The earliest variety grown; small, tender. Fine quality. **Pkt., 10c; oz., 35c; ¼ lb., \$1.25.**

Danvers Half Long. The best sort for general use. Rich, deep orange color; excellent quality; roots taper to a point. A very heavy cropper. (Select stock). **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Improved Long Orange. Large variety; used for main crop. **Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.25.**

Guerande, or Ox Heart. Stump-rooted; one of the most valuable varieties either for family use or market; fine flavor and color; very productive. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

St. Valery. An excellent variety for private gardens. Grows from ten to twelve inches long. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Chantenay. A stump-rooted variety having a large shoulder; very productive. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**



Carrot Danvers Half Long

Cabbage

One ounce will produce about 1,500 plants.

For early use sow the seed in hot beds in February or March, or may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring, as soon as ground can be worked, in rows 2 feet apart, the plants 18 inches apart in the rows. For late or winter use, sow Seed in May; set out the plants in July, 2½ by 3 feet.

Our Cabbage Seeds are All the Best American Grown.

Early Winnigstadt. Pointed head, very hardy and sure to head. Pkt., 10c; oz., 40c; ¼ lb., \$1.50.

Early Jersey Wakefield. The best early sort. Medium size, pyramidal shape with rounded peak. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Charleston, or Large Wakefield. Much larger than the above, but not as early. Pkt. 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Copenhagen Market. A round headed sort, early as Wakefield. A standard variety. Pkt., 10c; ½ oz., 50c; oz., 85c; ¼ lb. \$3.00.

All Seasons. A superior variety for second early and late. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.25.

Henderson's Early Summer. The leading early drumhead variety. Pkt., 10c; ½ oz. 35c; oz. 60c; ¼ lb., \$2.25.

Danish Round Head. Earlier, shorter stemmed type of Danish Ball Head. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Hollander, or Danish Ball Head. Excellent winter sorts, heads very solid. Pkt. 10c; ½ oz., 50c; oz., \$1.00.

Warren Stone Mason. An improved Stone Mason; earlier, deeper and more solid. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.25.

Large Late American Drumhead. An excellent late sort, sure heading and splendid quality. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.25.

Premium Flat Dutch. The standard, main crop variety. Pkt., 10c; ½ oz., 35c; oz. 60c; ¼ lb., \$2.25.

American Drumhead Savoy Improved. The finest Savoy variety, finely curled, large and solid. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Mammoth Rock Red. Large size, very solid. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

Pe Tsai, Chinese or Celery Cabbage. Sown in open ground in July produces heads resembling Cos Lettuce. Used as a salad or cooked like ordinary Cabbage but must be cooked quickly. Pkt., 10c; ½ oz., 35c; oz. 60c.



Cabbage Copenhagen Market

Celery

One ounce will produce about 1,500 plants.

Seeds may be sown in the open ground in April. Sow about half an inch deep and firmly press the soil over the seed. After the seed is up, keep carefully clear of weeds until the time of planting, in June or July. After the ground has been well prepared, plant in rows from three to four feet apart, according to variety, setting the plants about six inches apart and pressing the soil firmly about the roots. The soil best suited for Celery is a rich, moist loam.

White Plume. Excellent for early use; naturally white, requires little blanching. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.

Golden Self-Blanching. True stock. Similar to the above except that the stalks are a beautiful golden-yellow. Pkt., 10c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00.

Winter Queen. Robust growth, medium height. An excellent keeper and desirable for winter storage. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.

Boston Market. A dwarf branching variety. Pkt., 10c; oz., 40c; ¼ lb., \$1.50.

Giant Pascal. An excellent late sort, easily blanched and a good keeper. Pkt., 10c; oz., 40c; ¼ lb., \$1.50.

Celeriac, or Turnip Rooted. Grown exclusively for the roots. Pkt., 10c; oz., 40c; ¼ lb., \$1.50.

Chervil

Curled Chervil. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May in drills half an inch deep, one foot apart.

Pkt., 10c;
oz., 30c;
¼ lb., \$1.00.

Try a
package
New Sweet
Corn
Charlevoix



Cauliflower Early Snowball

Cauliflower

Cultivate as directed for Cabbage. In dry weather water liberally. Cauliflower likes a cool, moist situation.

Early Dwarf Erfurt. Very earliest dwarf variety. Pkt., 25c; oz., \$4.00.

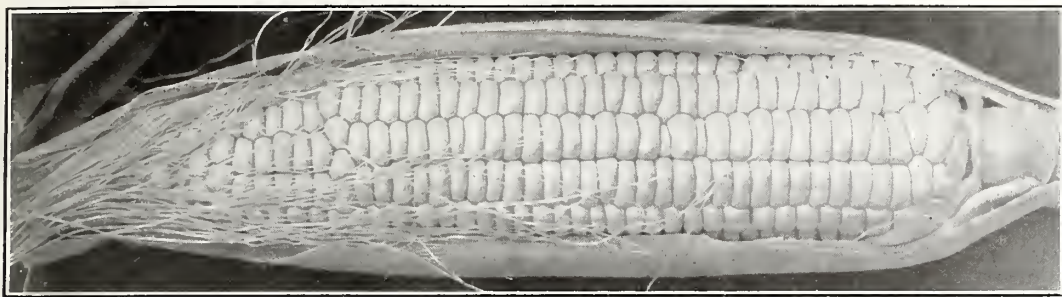
Early Snowball. A very popular early variety; for family use or market gardeners. Dwarf in habit with short outer leaves, allowing close planting. Heads white and of finest quality. Pkt., 25c; oz., \$4.00.

Early Paris. Medium size and sure heading variety. Heads are large, compact, solid and white. Pkt. 15c. oz., \$1.50.

Veitche's Autumn Giant. A popular, large, late variety. Pkt., 15c; oz., \$1.50.



Celery Golden Self-Blanching



Sweet Corn

One pound to 150 hills;
twelve pounds per acre.

Plant in hills three feet apart each way, and five to six kernels in a hill. Hoe often and draw soil up to the stem. Make ground rich with well rotted manure. For succession planting should be made at intervals from May to July.

Choice Connecticut Grown

Peep o'Day. Very early, small ears, very sweet. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs., \$2.50.

Mammoth White Cory. Like the above; white cob and kernel. Pkt., 15c; lb. 30c; 2 lbs., 55c; 10 lbs., \$2.50.

Early Champion. Popular second early sort; often called the earliest large sweet corn. Pkt., 15c; lb., 30c; 2 lbs., 55c; 10 lbs., \$2.50.

Golden Bantam. Extremely hardy, allowing earlier planting than other varieties. Superior rich flavor. Pkt., 15c; lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.

Charlevoix. In season a few days later than Golden Bantam but remains in condition much longer. Ears about seven inches long, light creamy yellow color and unsurpassed quality. Pkt., 25c; lb., 50c; 2 lbs., 90c; 10 lbs., \$4.00.

Potter's Excelsior, or Squantum. Very sweet and tender; one of the finest for main crop. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00.

Crosby's Early. Matures after Cory; excellent quality. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00.

Stowell's Evergreen. One of the most popular varieties for main crop. Pkt., 15c; lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00.

Black Mexican. Very sweet and superior quality. Pkt., 15c; lb., 40c; 2 lbs., 75c.

Bearsfoot. Desirable late variety. Pkt., 15c; lb., 50c; 2 lbs., 80c.

Late Mammoth. Large ears, rich and sweet. Pkt., 15c; lb., 40c; 2 lbs., 75c.

Country Gentleman. The sweetest and most tender of all varieties. Pkt., 15c; lb., 45c; 2 lbs., 80c.

Field and Fodder Corn

Stickney Eight-Rowed Yellow Canada. Very early; ears measuring 8 to 10 inches long. Small cob and large kernel, very prolific. One of the best adapted sorts for this locality. Pkt., 15c; 2 lbs., 25c; 5 lbs., 50c; 10 lbs., 80c; 100 lbs., \$7.50.

Rhode Island White Cob. A white flint variety popular in this section; good size ear and productive. Pkt., 15c; 2 lbs., 25c; 5 lbs., 50c; 10 lbs., 80c; 100 lbs., \$7.50.

Longfellow, Eight-rowed Yellow Canada. Ears average 12 to 15 inches on length. Pkt., \$1.75; bu., \$6.00.

Evergreen Sweet Fodder. For cutting green for stock. **Eureka.** Probably the most popular ensilage variety in this section. Market price.

Improved Leaming. Ears large and handsome, deep grain, small cob. Market price.

Pop Corn, Rice. Choice Eastern grown. Pkt., 20c.

Pop Corn, Black Beauty. The earliest maturing variety and ready for popping earlier than any other sort. Pops very large and exceptionally white and tender. Pkt., 15c; lb., 30c; 2 lbs., 50c.

Cress or Peppergrass

A well-known pungent salad; cover very slightly; sow at frequent intervals to keep up a succession; to be used before the flowers appear.

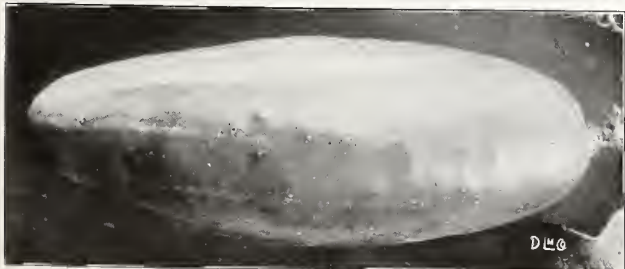
Extra Curled. Very fine; may be cut two or three times. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.00.

Upland. Hardy perennial; adapted to any soil, wet or dry. A very rapid grower and ready for use very early in the spring. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Water Cress. Hardy perennial aquatic plant. Pkt., 10c; oz., 60c.

Corn Salad or Fetticus

Used as a salad. Is sown in early spring, in rows a foot apart, and is fit for use in six or eight weeks from the time of sowing. **Large Leaved.** Pkt., 10c; oz. 25c; ¼ lb., 75c; lb., \$2.50.



Cucumber Improved White Spine

Cucumbers

One ounce to 50 hills; 2 pounds per acre

Cucumbers succeed best in warm, rich sandy loam. Plant when all danger of frost is past, in hills about four feet apart each way; the hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well-rotted manure; sow for pickling from the middle of June to the middle of July.

Improved White Spine. Thick, straight, smooth, shiny dark green; a general favorite for market or home. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Early Russian. The earliest in cultivation; small and productive. Pkt., 10c; oz., 15c; ¼ lb., 50c.

Early Cluster. Length about five inches; tender and productive. Pkt., 10c; oz., 15c; ¼ lb., 50c.

Boston Pickling. True stock; the best variety for pickling. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

Green Prolific. Excellent for summer use and for pickling. Pkt., 10c; oz., 15c; ¼ lb., 50c.

Everbearing. Small sized, very early and enormously productive. Pkt., 10c; oz., 15c; ¼ lb., 50c.

Davis Perfect. Long, slender, rich dark green, superb quality. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Improved Long Green. 10 to 12 inches in length; dark green. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Japanese Climber. Can be grown either as an ordinary ridge cucumber or as a climber. Pkt., 10c; oz., 20c; ¼ lb., 75c.

English Frame Telegraph. For growing in hotbeds. Pkt., 25c.

Dandelion

One ounce will sow 100 feet of drill; 2 lbs. to one acre

Sow in May or June in drills a foot apart, press the earth firmly over the seed, cultivate during summer, cover lightly with straw during winter, and the following spring the leaves will be fit to cut. The roots when dried and roasted are often employed as a substitute for coffee.

Improved Broad Leaved.
Pkt., 15c; oz., 75c; $\frac{1}{4}$ lb. \$2.50.

Egg Plant

One ounce will produce about 1000 plants

The seed should be sown in hot beds the first week in April. Plant out about June 1st, about two and a half feet apart. The Egg Plant will thrive well in any good garden soil.

Black Beauty. Fully ten days earlier than Imp. New York, remarkably healthy growth and large fruit. Pkt., 10c; oz., 75c.

Improved New York Spineless. Quite free from spines, fruit of large size and perfect form; two weeks earlier than the old variety. Pkt., 10c., oz., 75c.



Egg Plant Black Beauty

Endive

One ounce will sow 150 feet of drill

Sow in drills one foot apart, thin out to ten inches apart, blanch when the leaves are nine inches long by drawing together and tying carefully.

Green Curled. Hardy, leaves dark green, tender. Pkt. 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

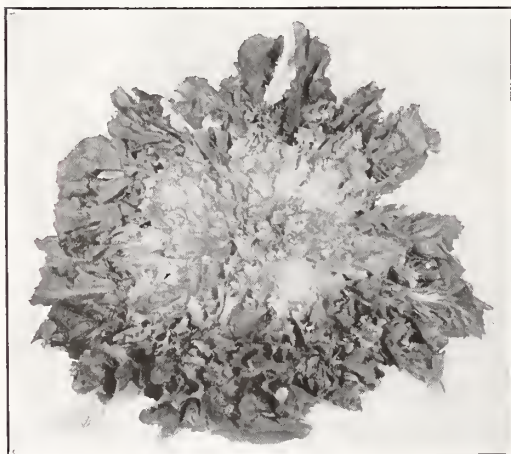
Batavian Broad-Leaved. Leaves long and broad, chiefly used in soups. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Kohl Rabi

The seeds of this plant may be sown at the same period as the Swedish or Rutabaga Turnip, and may be cultivated in the same way, remembering to leave the chief part of the stems uncovered by the earth. The bulbs may be kept sound and nutritious until late in the spring, even later than those of Turnips.

Early White Vienna. The best variety. Pkt., 10c. oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Early Purple Vienna. Later than the White. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.



Endive Broad Leaved

Lettuce

One ounce will sow 100 square feet or 120 feet of drill

The earliest sowing may be made in February or March under glass, with slight heat. For later supplies, sow in the open ground, as the season will permit, thin out well and set in rows two feet apart, and a foot between the plants. Lettuce requires good ground and abundant moisture.

Wayahead. Very early and close heading, large size and superior quality. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

May King. Extremely early, compact, medium sized of excellent quality. The inner leaves blanch rich golden yellow and very tender. Desirable for early spring or fall outdoor planting also satisfactory for forcing. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Boston Market. Fine for cold frames or open ground. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Black-Seeded Tennis Ball. Heads close and hard. Pkt., 10c; oz., 25c. $\frac{1}{4}$ lb., 75c.

Improved Salamander. Withstands hot weather remarkably well. Plants large compact. Leaves large, broad overlapping with heart well blanch. One of the best for summer planting. Pkt. 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Hanson. A thin leaved, curly, tight heading, frilled edged sort desirable for late summer planting, remaining in condition a long time. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Big Boston. Fine for cold frames or out of doors. Head large and solid. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c.

Curled Silesia. A favorite curly or loose leaved sort for the home garden. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Boston Curled. Fine frilled leaves; crisp and tender. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Grand Rapids. Crumpled leaves, does not make solid head. An excellent forcing sort. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

All the Year Round. A popular summer sort. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Crisp as Ice. Medium size, solid head; one of the best bronze leaved sorts. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Self-folding Cos or Romaine. Should be sown early and tied up to blanch; long leaved, crisp and tender. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.



Lettuce Wayahead

Leek

One ounce will sow 100 feet of drill.

The Leek is very hardy and easily cultivated. Sow in April in drills one foot apart, and transplant in July into rows fifteen inches apart, and six inches apart in the rows. The soil should be rich but not fresh manured. The Leek is a member of the onion family, and the method of cultivation is like the onion except that it should be grown deeper in the ground.

Large American Flag. The kind mostly grown for market. **Pkt., 10c; oz., 30c; ¼ lb., \$1.00.**

Musselburgh. Grows to very large size. **Pkt. 10c; oz., 30c; ¼ lb., \$1.00.**

Mustard

One ounce to 80 feet of drill.

Sow in shallow drills a foot apart, covering the seeds about a half inch deep. For succession sow every few weeks. The young leaves are used for salad or are cut and boiled like spinach, and the seeds are used for flavoring.

Fordhook Fancy. Leaves dark green, curved outward like a fine ostrich plume. Stands well even in hot weather.

Pkt., 10c; oz., 15c; ¼ lb., 45c.

White. Desirable for salads or culinary purposes. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

Mushrooms

"American Pure Culture Spawn," produced under the new selective method, recently discovered, the only method which makes possible the segregation of varieties is received absolutely fresh at frequent intervals from the manufacturer. This spawn will produce mushrooms of a specific variety selected with special reference to their size, color and prolificness, to the exclusion of other and inferior fungi. It absolutely eliminates all danger of raising poisonous mushrooms. We keep on hand the cream white variety. Bricks weigh from 1¼ to 1 1-3 lbs., and will spawn 10 square feet of beds. **1 Brick, 30c; 10 Bricks, \$2.75; 100 Bricks, \$25.00.**

Illustrated book, "Mushroom Culture and Pure Culture Spawn," containing the latest methods of raising, preserving and cooking mushrooms, **25c per copy, post-paid.**



Leek Musselburgh



Muskmelon Emerald Gem

Muskmelon

One ounce to 80 hills; 2 to 3 pounds per acre.

Prepare hills four to five feet apart each way; mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. When the weather has become warm plant from 12 to 15 seeds in each hill; afterwards thin out, leaving four good plants.

Emerald Gem. Early. Small, flesh deep orange; very sweet. The best and most popular sort for this section. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**

Extra Early Hackensack. Earlier than Hackensack and not quite as large. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**

Tip Top. Medium size, round, yellow flesh. **Pkt. 10c; oz. 20c; ¼ lb., 60c.**

Golden Netted Gem. One of the earliest, best and most prolific small melons. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**

Jenny Lind. Flesh light green, small, but very early. **Pkt., 10c; oz., 20c; ¼ lb. 60c.**

Miller's Cream. Skin very thin, dark green; flesh salmon and excellent flavor. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**

Watermelon

One ounce to 30 hills; 4 to 5 pounds per acre.

Plant in hills as directed for Muskmelons, and treat in all respects the same except that the hills should be about 8 feet apart. **Price, all varieties, Pkt., 10c; oz., 20c; ¼ lb., 50c.**

Cole's Early. Medium size; flesh bright red; excellent.

Phinney's Early. Early, sweet; flesh deep red.

Kleckley's Sweet. Vines vigorous and productive; flesh

bright red and exceedingly sweet.

Hungarian Honey. Very early, nearly round, dark green

skin, brilliant red flesh.

Citron. For preserves only.

Nasturtium

The seeds while young and succulent are pickled and used as capers. Sow the seeds in drills one inch deep, the tall grown by the side of a fence, or supported by a trellis.

Tall Mixed. **Oz., 15c; ¼ lb., 50c; lb., \$1.50.**

Dwarf Mixed. **Oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Okra or Gumbo

One ounce to 75 hills.

Sow early in May, in drills two inches deep, setting the plants from two to three feet apart.

Dwarf Green. The best variety for general cultivation. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**



Watermelon Cole's Early

Onions

One ounce will sow
100 feet of drill;
6 lbs. per acre.

A rather strong, deep, rich, loamy soil is considered most suitable for onion culture. Prepare ground the previous autumn by plowing or spading deeply and applying a heavy coat of well-rotted barnyard manure. Sow seed early in spring in shallow drills one foot apart, covering with fine soil, and press down by the use of a light roller or the back of a spade. Thin plants to 4 inches and keep free from weeds.

Our Onion Seed is all Eastern Grown.

Yellow Globe Danvers. True Buxton type. A standard sort, deep globe shape, large size, mild flavor and a good keeper. **Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.**

Large Red Wethersfield. One of the most productive and longest keeping sorts. Large size, flat, purplish red color. **Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.**

Southport Red Globe. Very early, globe shape, bright red color, excellent keeper. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**

Southport White Globe. Large, globe shape, mild flavor and firm; a good keeper. Always commands a high price in market. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**

White Portugal. Excellent for family use, and recommended for pickling. **Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.**

Prizetaker. Globe shape, very large size, extremely mild flavored; is most satisfactory when sown early in hot bed and transplanted. **Pkt., 10c, oz., 50c; ¼ lb., \$1.50; lb., \$5.00.**

Onion Sets (Prices variable).

	lb. 5 lbs.		lb. 5 lbs.
White Sets.....	\$0.30 \$1.25	Potato	
Yellow Sets.....	.25 1.00	Onions.....	\$0.30 \$1.25
Red Sets.....	.25 1.00	Shallots.....	.30 1.25

Parsnip

One ounce will sow 200 feet of drill; 5 lbs. per acre.

Sow as early as possible in drills two and one-half feet apart and half an inch deep, and press the soil firmly over the seed; succeeds best in rich, sandy loam, deeply tilled and avoid fresh manure.

Hollow Crown, or Long-Smooth. The standard sort for general use. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**



Parsley Champion Moss Curled

Parsley

One ounce will sow 150 feet of drill.

Sow thickly in drills a foot apart and half an inch deep early in the spring, having soaked the seed in tepid water a few hours.

Champion Moss Curled. Fine and unsurpassed for garnishing. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Plain Leaved. Excellent flavor. **Pkt., 5c; oz., 20c; ¼ lb., 50c.**

Hamburg Rooted. Fleshy vegetable root for soups, etc. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Peppers

One ounce will produce about 2,000 plants

Sow the seed in March or April in a hot bed, and transplant to open ground as soon as the weather is quite warm, in rows about 20 inches apart and 15 inches apart in the rows. A warm, sandy loam is best.

Giant Crimson. Fruits are of largest size; ripen earlier than any other very large sort and average heavier as flesh is exceptionally thick. Plants upright two and one-half to three feet high, larger and more productive than Chinese Giant. Deep crimson color, mild flavor. **Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.00.**

Sweet Mountain. Large size, regular, handsome shape, mild flavor, very early. **Pkt., 10c; ½ oz., 35c; oz., 60c.**

Large Bell. A standard sort, large size, moderately pungent. **Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.**

Ruby King. Very mild, fruits 4 to 6 inches long; excellent for stuffing; a very popular sort. **Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.**

Neapolitan. Very early, long thick meaty and extremely mild. **Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.**

Long Red Cayenne. Bright red, slender pods, very pungent. **Pkt., 10c; ½ oz., 30c; oz., 50c.**

Chili. Very small, red, very pungent. **Pkt., 10c; ½ oz., 40c; oz., 75c.**

Large Sweet Spanish. A late maturing attractive sweet pepper. Plants two and one-half feet high, compact vigorous fruit six to seven inches long and about two inches diameter; thick flesh, mild flavor. **Pkt. 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.**



Pepper Ruby King

Potatoes

All leading varieties, choice Main grown stock, at lowest market prices.

Peas

One pound will plant about 75 feet of drill; 75 pounds per acre.

Plant the extra early smooth varieties as soon as the ground can be worked, and the wrinkled sorts soon as the ground becomes warm. Make rows for dwarf varieties two and one-half feet apart and for tall sorts three feet apart.

Laxtonian. New dwarf, early, large podded variety; about 15 inches high, pods 4 inches long; peas large size and excellent quality. **Pkt., 25c; 1b., 50c; 2 lbs., 90c; 10 lbs., \$4.00.**

Little Marvel. Vines fifteen to eighteen inches high. Pods about three inches long well filled with deep green peas. **Pkt., 20c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.50.**

Gradus. Variety rivaling the first earlies; produces pods and peas equal to large marrow sorts. Unexcelled in quality and flavor. **Pkt., 20c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.50.**

Thomas Laxton. Resembles the Gradus in size of pod, but darker color. **Pkt., 20c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.50.**

New York Market. Very early and productive. A general favorite among market gardeners; robust in growth; height 2½ feet. **Pkt., 20c; 1b., 35c; 2 lbs., 65c; 10 lbs., \$3.00.**

Alaska, or Earliest of All. The earliest pea in cultivation; matures nearly its entire crop at one picking; height 2½ feet. **Pkt., 20c; 1b., 35c; 2 lbs., 65c; 10 lbs., \$3.00.**

American Wonder. One of the earliest wrinkled pea dwarf and robust in growth, pods long and well filled; height 10 to 12 inches. **Pkt., 20c; 1b., 35c; 2 lbs., 65c; 10 lbs., \$3.00.**

Sutton's Excelsior. One of the largest podded dwarf sorts, excellent quality and heavy cropper. **Pkt., 20c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.50.**

Nott's Excelsior. An excellent dwarf wrinkled pea, robust vigorous. Peas and pods large. **Pkt., 20c; 1b., 35c; 2 lbs., 65c; 10 lbs., \$3.00.**

Dwarf Defiance. Very productive height 2 ft. Pods long straight, dark green, excellent quality. **Pkt., 20c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.50.**

Heroine. A main crop variety. Height 2 ft., long, handsome pods, well filled. **Pkt., 20c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.50.**

New Dwarf Champion. A sort with all the merits of the Champion of England; height 26 inches; matures little after Little Gem. **Pkt., 20c; 1b., 35c; 2 lbs., 65c; 10 lbs., \$3.00.**

McLean's Advancer. A standard variety of excellent quality. **Pkt., 20c; 1b., 35c; 2 lbs., 65c; 10 lbs., \$3.00.**

Telephone. A very popular variety, height 3½ feet. Pods 5 to 7 inches long, containing 8 to 12 peas of unequalled flavor. **Pkt., 20c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.50.**

Everbearing. A branching and everbearing sort. Height 3 feet; pods long. **Pkt., 20c; 1b., 40c; 2 lbs., 75c; 10 lbs., \$3.50.**

Champion of England. Standard tall growing sort; productive. **Pkt., 20c; 1b., 35c; 2 lbs., 65c; 10 lbs., \$3.00.**

Giant Sugar. Pods 5 to 6 inches long, cooked same as string beans. **Pkt., 20c; 1b., 45c; 2 lbs., 80c.**



Peas Laxtonian

Pumpkins

Pumpkins are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills eight feet apart.

Yellow Sugar. Very sweet, an excellent table sort. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1b., \$1.50.**

Connecticut Field. For feeding stock. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1b., \$1.50.**

Large Cheese Flat. One of the best varieties for family use. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1b., \$2.50.**

Mammoth. Grows to immense size. **Pkt., 10c; oz., 25c.**

RADISHES

One ounce will sow 100 feet of drill.

Radishes require a light, rich, sandy soil. For an early supply sow in a hot bed in February, care being taken to give plenty of ventilation. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks.

Early Scarlet Globe. For forcing in greenhouses, hot beds and cold frames or open-ground sowing, this is one of the very best globe shaped, fine scarlet color, crisp, mild and tender. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1b., \$2.50.**

French Breakfast. Olive-shaped, bright scarlet, white tipped. A favorite sort. **Pkt., 10c; oz., 25c; ¼ lb., 65c; 1b., \$2.00.**

Long Scarlet Short Top. Long smooth, crisp and tender. **Pkt., 10c; oz., 25c; ¼ lb., 65c; 1b., \$2.00.**

Scarlet Turnip, White Tipped. Very early, excellent quality. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1b., \$2.50.**

White Box. A turnip-shaped white sort, quick growing, excellent quality. **Pkt., 5c; oz., 20c; ¼ lb., 60c; 1b., \$2.00.**

White Giant Stuttgart. Top shape, white skin and flesh, summer variety, but does not become pithy, and can be stored for winter. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1b., \$2.00.**

Long Black Spanish. An excellent winter sort. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1b., \$2.00.**

Round Black Spanish. A winter variety. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1b., \$2.00.**

Iceberg. Long, white, rapid growing. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1b., \$2.50.**



Radish Early Scarlet Globe



Spinach Giant Thick Leaved

Squash

Bush sorts, one ounce to 50 hills;
6 lbs. per acre.

Running sorts, one ounce to 16 hills;
4 lbs. per acre.

The Squash is a very tender vegetable, sensitive to cold, and cannot in our climate be planted before the middle of May. Plant in rich soil, in hills prepared similar to those for Cucumbers. All sorts, thinned to not over three plants to a hill.

Giant Summer Crookneck. Larger than the ordinary summer crookneck. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Golden Summer Crookneck. Golden yellow fruit, early and prolific. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

White Bush Scallop. Early; a good market sort. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Yellow Bush Scallop. Yellow, flat, scalloped edge. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Essex Hybrid. A fine tall variety. Turban type. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Early Prolific Marrow. The earliest and most productive fall and early winter variety. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Boston Marrow. A good keeping winter sort. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Delicious. An excellent fall and winter variety. Medium size, thick, bright yellow flesh; excellent flavor. **Pkt., 10c; oz., 25c; ½ lb., 75c; lb., \$2.50.**

Chicago Warty Hubbard. A popular selection of the well known Hubbard, having dark green warted shell. Large size and excellent quality. **Pkt., 10c; oz., 25c; ½ lb., 75c; lb., \$2.50.**

Golden Hubbard. Similar to the standard sort except in color. **Pkt., 10c; oz., 25c; ½ lb., 75c; lb., \$2.50.**

Hubbard. The standard winter squash. **Pkt., 10c; oz., 25c; ½ lb., 75c; lb., \$2.50.**

Vegetable Marrow (English). Pale straw color changing darker. White flesh. About nine inches long. **Pkt., 10c; oz., 25c; ½ lb., 75c.**

Cocozelle, Italian Vegetable Marrow. Mottled dark and light green, 12 to 20 inches long. **Pkt., 10c; oz., 25c; ½ lb., 75c.**



Salsify Mammoth

Salsify or Oyster Plant

One ounce to 50 feet of drill.

The Salsify has a long white, tapering root, resembling a small parsnip; when properly cooked it has the flavor of an oyster, and is a good substitute. Sow early in drills 15 inches apart; cover the seeds an inch and a half deep.

Sandwich Island. Grows to a large size; very mild flavor. **Pkt., 10c; oz., 30c; ¼ lb., \$1.00.**

Spinach

One ounce to 100 feet of drill.

For summer use sow early in March in drills fifteen inches apart, and for succession at intervals of a fortnight. For winter use, sow late in August. The soil should be heavily manured and deeply trenched.

Giant Thick Leaved. A strong growing early market variety; large thick leaves, deep green color. The best for spring or fall sowing. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Bloomsdale. Savoy leaved, for sowing in the fall for early spring use. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

Victoria. Leaves large, thick, dark green. Becomes fit for use early and remains in condition a long time. A favorite for spring or fall sowing. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.**

New Zealand. Entirely distinct variety, produces a large quantity of leaves; for summer use. Sow early in spring and when cut branches out and makes new growth, producing until frost. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Tobacco

One ounce will produce plants
for one acre.

Sow broadcast in hot beds or open ground soon as ground can be worked. Keep free from weeds and water freely in dry weather. Set out about June 1st three feet apart on highly manured ground

Connecticut Seed Leaf. A hardy variety adapted to growing in the northern states. **Pkt., 10c; oz., 30c.**

Havana. The leaf is very thin and fine texture. **Pkt., 10c; oz., 40c.**



Squash Hubbard



Tomato Bonny Best

Turnips

One ounce will sow 150 feet of drill: 1 lb. per acre in drills 2 to 3 lbs. broadcast

For summer use, sow early in the spring in drills and thin out to eight inches. For fall and winter, sow from July to September. Rutabagas should be sown in June or early in July, in drills eighteen inches apart; thin out when large enough, six to nine inches apart in drill, according to size.

Extra Early Purple Top Milan. The earliest Turnip.

White, flat, medium size. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Red Top Strap Leaf. A popular quick growing sort. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.**

White Egg. Rapid growth, pure white, egg shaped, fine grained. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.25.**

Golden Ball. Medium size and excellent quality. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.25.**

Cow Horn. Flesh white, fine grained, a good table sort. **Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Budlong White Rock. Much smoother than the old type. white flesh, mild and sweet. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Twentieth Century Rock. Fully three weeks earlier than the Budlong. Excellent quality, and a remarkable keeper. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Sweet German. Flesh white, sweet and mild flavored. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Improved American. Yellow flesh, excellent quality. **Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.**

Vegetable Roots and Plants

Asparagus. Conover's Colossal, Palmetto. Two-year-old roots. **Doz., 20c; 100, \$1.00.**

Special prices for large quantities

Chives Plants. 15c each; doz., \$1.50.

Rhubarb Roots. Victoria, large. 15c. each; Doz., \$1.50.

Horse Radish Sets. Doz., 10c; 100 for 60c.

Cabbage, Cauliflower, Egg Plant, Celery, Pepper, Lettuce, Tomato Plants in season at low prices.

Herbs

Packages 10c.

Anise, 15c per oz.; Basil, 20c oz.; Caraway, 10c oz.; Catnip, 25c oz.; Dill, 15c oz.; Fennel, 15c oz.; Lavender, 35c oz.; Marjoram Sweet, 40c oz.; Sage, 50c oz.; Savory, Summer, 50c oz.; Thyme, 50c oz.; Sorrel, 25c oz.

Tomatoes

One ounce will produce about 2,000 plants.

The seed should be sown in a hot bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, set out in boxes, three inches deep, four inches apart, in another hot bed, or pot singly. If transplanted a second time will be stocky and branching. When the weather has become mild, transplant into warm, light, rich soil, four feet apart.

John Baer. Few days later than Earliana. More uniform, attractive and productive. The most profitable extra-early variety. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Bonny Best. Almost as early as John Baer. Smooth, uniform fruit, bearing well until frost. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Earliana. The earliest large red tomato. A favorite among market gardeners. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Chalk's Early Jewel. Medium early, bright scarlet, ripening up to the stem without cracks or green core. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Comet. Forcing or out-door planting. **Pkt., 10c; oz., 60c.**

Aeae. Very early, smooth, color purplish pink. **Pkt., 10c; oz., 40c; ¼ lb., \$1.25.**

Livingston's Globe. Large purple fruit, excellent quality. **Pkt., 10c; oz., 40c; ¼ lb., \$1.25.**

Dwarf Champion. A distinct variety; robust, short jointed; fruit early, medium size, crimson color. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Dwarf Stone. Large fruited dwarf sort. Color, bright scarlet. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50.**

Dwarf Giant. True dwarf type with rich purple crimson fruit, large size, solid and meaty. **Pkt., 10c; ½ oz., 40c; oz., 75c.**

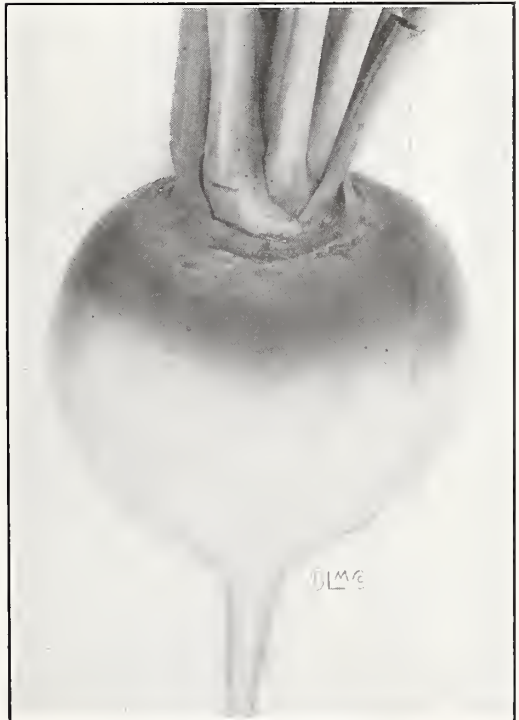
Stone. A remarkable main crop variety; robust, solid and very little seed capacity, very productive; quality unexcelled. **Pkt., 10c; oz., 40c; ¼ lb., \$1.25.**

Ponderosa. The largest variety in cultivation. **Pkt., 10c; oz., 60c; ¼ lb., \$1.75.**

Golden Queen. A large, smooth, yellow variety. **Pkt., 10c; oz., 50c.**

Strawberry (Husk). A favorite preserving sort. **Pkt., 10c; oz., 40c.**

Yellow Plum, Red Plum, Red Peach. **Pkt. 10c; oz., 50c.**



Turnip Budlong White Rock

Bird Seed

Extra Recleaned.

	Lb.	3 lbs.	10 lbs
Canary Sicily.....	\$0.30	\$0.85	\$2.75
Rape, Ger. Summer.....	.20	.55	1.75
Hemp, Russian.....	.15	.40	1.25
Sunflower.....	.15	.35	1.25
Millet.....	.10	.25	.75
Rice, Unhulled.....	.25	.70	2.25
Mew.....			
Lettuce.....	.35	1.00	

Grains, Etc.

Subject to Change in Price

Buckwheat, Japanese Early. Immense cropper. Bu., \$3.25.

Barley. Two-rowed. Select stock. Market price.

Beardless. Earlier than any bearded sort, better feeding and as productive. Market price.

Spring Rye. Sow 1 to 1½ bu. to the acre. Market price.

Oats. Various sorts at market price.

Canada Field Peas. Valuable for cattle feeding, excellent for ensilaging, or sown broadcast in the spring and harrowed in. Market price.

Vetches. Spring sown, mixed with oats for soiling. Market price.

Vetches. Winter sown, in fall with rye for early fodder or plowing under. Market price.

Spring Wheat. Marquis type. Bu., \$3.75.

Rape, Dwarf Essex. A prolific foliage plant for sheep pastures. Sow 5 pounds to the acre in drills. Lb., 20c; 10 lbs., \$1.75.

Grass Seed

Prices May Change as the Season Advances.

Rhode Island Bent. One of the best grasses for lawns in adapting itself to almost any soil, dry, moist or sandy. Valuable for permanent pastures. Per lb., 45c.

Kentucky Blue (*Poa Pratensis*). A superior grass for pastures and lawns. Succeeds well in all soils and stands dry weather well. Lb., 45c.

Orchard Grass (*Daactylis Glomerata*). One of the earliest grasses and very hardy. Should be sown with Red Clover, as it blossoms about the same time. It is very productive and makes excellent hay. Grows well in shady woodlands, but do not use it for lawns. Per lb., 50c.



Clover Alsike

GRASS SEEDS—Continued

Timothy (*Phleum Pratense*). A variety well known and highly appreciated. Produces large hay crops if grown on moist clayey soil. Market price.

Red Top (*Agrostis Vulgaris*). A hardy perennial grass, succeeding best on moist land. Used extensively in all pasture mixtures, remaining green the greater part of the year. Recleaned. Per lb., 35c.

Sweet Vernal (*Anthoxanthum Odoratium*). A perennial grass used in pasture mixtures. Per lb., 75c.

Tall Meadow Oat Grass (*Avena Elatior*). An early grass much relished by cattle, and produces an abundant supply of foliage. It is hardy and valuable for pasture. Per lb., 35c.

Hard Fescue (*Festuca Duriuscula*). One of the best dwarf grasses; excellent for dry soil. Hardy and withstands long periods of drought.

Meadow Fescue (*Festuca Pratensis*). A valuable grass for permanent pastures. Very productive and nutritious. Per lb., 35c.

Crested Dog's Tail (*Cynosurus Cristatus*). An excellent grass for hilly situations and shady parts of lawns, thriving best on rich, moist land. Per lb., 45c.

Rough Stalked Meadow Grass (*Poa Trivialis*). Produces an abundant crop of highly nutritious herbage. Grows well on rich, moist lands and sheltered situations.

Sheep's Fescue (*Festuca Oriana*). An excellent grass for sheep pasture. Perfectly hardy, dwarf, compact growth.

Fine Leaved Fescue (*Festuca Ovina Tenuifolia*).

Adapted to dry soils.

Red Fescue (*Festuca Rubra*). Suitable for sandy soils and at the seashore. Per lb., 75c.

Meadow Foxtail (*Alopecurus Pratensis*). One of the earliest and best pasture grasses; grows rapidly when cut or eaten down by stock. Should only be sown with other grasses.

Creeping Bent (*Agrostis Stolonifera*). One of the best lawn grasses; succeeds well in deep soils.

Wood Meadow Grass (*Poa Memorialis*). Chiefly used for shaded positions in lawns and woodland parks, where other grasses will not grow.

English Rye Grass (*Lolium Perenne*). A very nutritious, rapid growing grass. Valuable for meadows and pastures. Per lb., 30c.

Clovers

Alfalfa (*Lucerne*). Requires a deep, rich soil, and in such will produce several crops each season; one of the best green fodder plants; 10 to 15 lbs. to the acre. Per lb., 35c.

Alsike Clover (*Trifolium Hybridum*). Resembles in growth, duration, etc., the Red Clover; thrives well in cold, wet and stiff soils; 10 lbs. to the acre. Per lb., 40c.

Medium Red Clover (*Trifolium Pratense*). Is a perennial, but of very few years' duration; is considered the most nutritious of all species and most valuable in moist locations. Market prices.

White Clover (*Trifolium Repens*). Valuable for lawns and pastures. Per lb., 65c.

Crimson Clover (*Trifolium Incarnatum*). Sown at the last of summer or early autumn; it furnishes a very early green fodder; excellent for soiling; 20 lbs. to the acre. Per lb., 35c.

Millets

Southern Golden. Medium early; height 3 to 5 feet; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough, bristly sheaths. Per bushel (50 lbs.),

Hungarian Millet (*Panicum Germanicum*). One of the most valuable annual soiling plants. It will grow in any ordinary soil, withstands drought well, and in this latitude may be sown as late as the first of July, and produces a large green crop; 1½ bushels to the acre. Per bushel (48 lbs.),

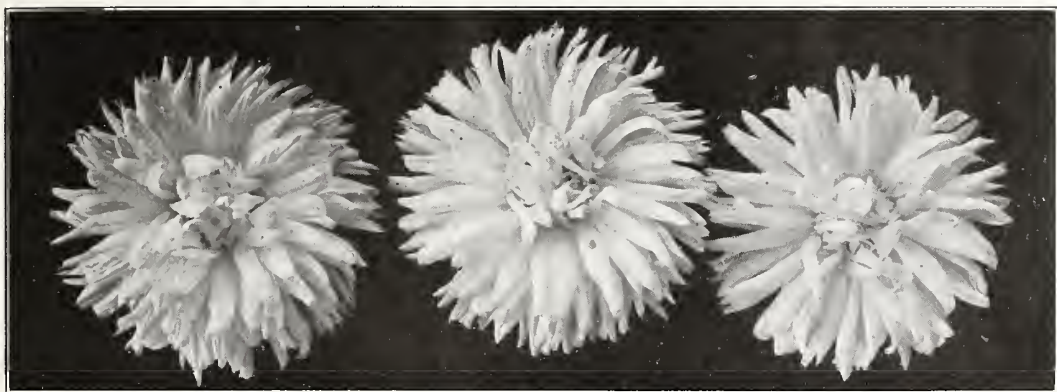
Japanese. A new millet, very productive if sown early and cut; usually produces a good second crop. Has produced six tons dry hay per acre. Sow one bushel to the acre. Per lb., 15c; per 100 lbs., \$9.00.

Lawn Grass Mixtures

(See second page cover).

Park Lawn Grass Mixture. ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 4 lbs., \$1.25; 100 lbs., \$30.00.

Shady Nook Grass Mixture. 1 qt., 35c; ½ pk., \$1.25; 1 pk., \$2.00; 1 bu., \$6.00.



Selected Flower Seeds

Our stock of flower seeds has been selected to supply the wants of a critical florists' trade and our customers may be sure of receiving nothing but seeds of the finest quality. All flower seeds in packages, ounces, and $\frac{1}{4}$ pounds mailed free at prices; larger quantities, add at parcel post zone rates.

ABRONIA Umbellata (Sand Verbena). Trailing annual; rose color; adapted to dry, poor soil....	Pkt. \$0.05
ACONITUM Napellus (Monkshood). Free flowering hardy plants, does well under shade of trees; 2 feet.....	.05
ACROCLINIUM . Graceful everlasting for Winter bouquets. Flower heads should be gathered when young if to be preserved.	
Album . White, 1 foot.....	.05
Roseum . Rose, 1 foot.....	.05
ADLUMIA Cirrhosa . Beautiful climber, flowers pink; height 15 feet.....	.05
ADONIS festivus (Flos Adonis). Very attractive annual, with bright crimson flowers.....	.05
AGERATUM . Excellent plant for bedding, very free blooming annual.	
Imperial Dwarf . Blue, $\frac{3}{4}$ feet. $\frac{1}{4}$ oz., 25c.....	.05
" " White, $\frac{3}{4}$ feet.....	.05
" " Mixed, $\frac{1}{4}$ oz., 25c.....	.05
Mexicanum . Blue, $1\frac{1}{2}$ feet.....	.05
Lasseauxi . Rose colored, 1 foot.....	.05

Asters

One of the most highly prized and best known annuals. Seed should be sown from middle of March to first of May, and when an inch high, transplant into pots or boxes and plant out in open ground last of May. Ground should be well manured and thoroughly worked.

SEMPLER'S BRANCHING

Blossoms are large, loose and graceful, resembling Chrysanthemums. Branching in habit and late flowering. A superb variety. $2\frac{1}{2}$ feet.

$\frac{1}{8}$ oz. Pkt.	$\frac{1}{8}$ oz. Pkt.
White.....\$0.35 \$0.10	Lavender.....\$0.35 \$0.10
Shell Pink......35 .10	Purple......35 .10
Rose Pink......35 .10	Mixed......35 .10

GIANT COMET

Flowers extra large, with long, wavy, curled petals, long stems and branching habit. $2\frac{1}{2}$ feet.

$\frac{1}{8}$ oz. Pkt.	$\frac{1}{8}$ oz. Pkt.
White.....\$0.40 \$0.10	Rose.....\$0.40 \$0.10
Light Blue......40 .10	Dark Blue......40 .10
Shell Pink......40 .10	Mixed......40 .10

The King (Needle-type). Vigorous growth, long stiff stems; branching habit. Flowers large, petals quilled and those in center being curled and incurved.

$\frac{1}{8}$ oz. Pkt.	$\frac{1}{8}$ oz. Pkt.
Pure White.....\$0.50 \$0.10	Pink delicate...\$0.50 \$0.10
Violet......50 .10	

TRUFFAUT'S PÆONY FLOWERED PERFECTION

A favorite class, with incurved petals, large, round and well formed. Height 18 in. to 2 feet.

$\frac{1}{8}$ oz. Pkt.	$\frac{1}{8}$ oz. Pkt.
Pure White.....\$0.40 \$0.10	Purple.....\$0.40 \$0.10
Brilliant Pink......40 .10	Scarlet......40 .10
Delicate Pink......40 .10	Mixed......30 .10
Light Blue......40 .10	

VICTORIA

A grand variety, flowers large, perfect form, and beautifully imbricated. Height 15 to 18 inches.

$\frac{1}{8}$ oz. Pkt.	$\frac{1}{8}$ oz. Pkt.
Pure White.....\$0.50 \$0.10	Scarlet.....\$0.50 \$0.10
Pink......50 .10	Peach Blossom. .50 .10
Light Blue......50 .10	Mixed......40 .10
Purple......50 .10	

QUEEN OF THE MARKET

The earliest flowering variety stems long and an excellent variety for cutting.

$\frac{1}{8}$ oz. Pkt.	$\frac{1}{8}$ oz. Pkt.
White.....\$0.25 \$0.10	Light Blue.....\$0.25 \$0.10
Flesh Color......25 .10	Dark Blue......25 .10
Rose......25 .10	Mixed......25 .05



Aster, Semple's Branching

D.L.C.



Aquilegia

- AGROSTEMMA.** Free blooming plants of easy culture. Pkt.
Coeli-rosa (Rose of Heaven)-Hardy annual, bright rose; 18 in. \$0.05
Coronaria (Mullen Pink). Hardy perennial, dark blood red. 2 ft. .05

Alyssum

Hardy annuals much used for edging; the dwarf sorts are excellent for pots.

- Maritimum** (Sweet Alyssum). Pkt.
 White, 1 foot. oz., 50c. \$0.05
Little Gem. Very dwarf. Oz., 75c. .05
Saxatile Compactum. Yellow, perennial. .05
AMARANTHUS. Strong growing ornamental annual.
Bicolor Ruber. Scarlet and orange foliage. .05
Caudatus (Love Lies Bleeding). Dark Red. .05
Tricolor (Joseph's Coat). Variegated crimson, yellow and green. \$0.05
AMMOBIUM Alatum Grandiflorum. A beautiful everlasting annual. .05
ANEMONE Coronaria (Wind Flower). Spring flowering perennial. .05

Antirrhinum—Snapdragon

Half hardy perennial treated as an annual. One of the finest flowers for cutting; spikes long, gorgeously colored. Seed sown in February or March will bloom from July until frost. May also be sown in open ground in April for blooming in August.

- Majus Grandiflora.** Tall growing (3 feet). Pkt.
Queen Victoria. Pure white. $\frac{1}{8}$ oz., 35c. \$0.10
Silver Pink. Delicate rosy pink, seemingly covered with a silver sheen. $\frac{1}{8}$ oz., 35c. .10
Venus. Bright rose, white throat. $\frac{1}{8}$ oz., 35c. .10
Firefly. Scarlet. $\frac{1}{8}$ oz., 35c. .10
Yellow. $\frac{1}{8}$ oz., 35c. .10
Majus Grandiflora, Mixed. $\frac{1}{4}$ oz., 25c. .05
Tom Thumb. Dwarf varieties ($\frac{1}{2}$ foot).
 Album. White. .10
 Roseum. Pink. .10
Tom Thumb Mixed. $\frac{1}{8}$ oz., 50c. .05



Antirrhinum



Balsam

- ANCHUSA Capensis.** Very attractive and excellent for cutting; purple flowers. Pkt. \$0.10
AQUILEGIA (Columbine). Free blooming hardy perennials; thrive best in a moist situation.
 Single Mixed. .05
 Double Mixed. .05
Chrysanthia Grandiflora Hybrida. Long spurred choice mixture. .15
ARMERIA Formosa (Sea Pink). Hardy perennial excellent for edging. .10
ARCTOTIS Grandis. Hardy annual. Daisy-like, pure white flowers with light blue center. 2½ feet. $\frac{1}{4}$ oz., 25c. .10
ASPARAGUS Sprengeri. Excellent for hanging baskets; 100 seeds, 50c. .10
Plumosus Nanus. Fine feathery foliage, very attractive for pot plants. 100 seeds, \$1.00. .15
ASPERULA. Adapted to border or rock-work; sweet scented, long bloomers.
Setosa Azurea. Light blue. 1 foot. .05
Odorata (Woodruff). White, 1½ feet. .05

Balsam

Very popular annuals, producing a brilliant array of colors. Sow in open ground in May and transplant two or three times to insure best results.

- Improved Camellia Flowered.** Pkt.
 Pure white. \$0.10
 Mixed colors, $\frac{1}{4}$ oz., 25c. .10

- BALLOON VINE.** A very rapid growing climber, producing curious shaped capsules; oz., 15c. .05

- BARTONIA Aurea.** Beautiful annuals, flowers golden yellow and very fragrant in the evening. .05

- BEGONIA.** Excellent for summer and autumn blooming; both flowers and foliage have a bright waxy appearance.

- Tuberous Rooted.** Single mixed; superb strain. .15

- Vernon.** A beautiful plant for beds and borders; withstands heat and drought remarkably. .10

- Erfordi Grandiflora.** Bright rosy carmine. .20

- BROWALLA Elata.** Mixed. Excellent for cutting; colors white and pale blue. .05

- BELLIS PERENNIS** (Double Daisy). Highly prized perennials for borders and edging. Pkt. \$0.10
Longfellow. Rose color, large flowering. \$0.10
Snowball. Pure white.10
Finest Mixed. $\frac{1}{8}$ oz., 50c.10
CALENDULA (Pot Marigold). Very robust. Free flowering annuals, excellent for pots or bedding.
Meteor. Double, light orange striped. $1\frac{1}{2}$ feet Oz., 25c.05
Prince of Orange. Deeper orange than Meteor. Oz., 25c.05
Mixed. All sorts. Oz., 25c.05
CALCEOLARIA Hybrida. Choice mixed. Recommended for greenhouse plants, with beautiful striped, blotched and variegated flower.25
CAMPANULA (Canterbury Bells). Very attractive, hardy biennials, showy for borders.
Media. Single Mixed. $\frac{1}{4}$ oz., 25c.05
 " " White.05
 " " Blue.05
 " " Rose.05
 " " Striped.05
 " Double Mixed. $\frac{1}{8}$ oz., 35c.10
Calycanthema. Mixed. Cup and Saucer. $\frac{1}{8}$ oz., 35c.10
CALLIOPSIS. Very free flowering annuals, producing a gorgeous display in various shades of yellow and and brown. Excellent for cutting.
Drummondii. Yellow, maroon center.05
Finest Mixed. Oz., 25c.05
Lanceolata. Bright yellow perennial. $\frac{1}{4}$ oz., 25c.05



Candytuft

Candytuft

Free flowering, showy annuals, excellent for borders and valuable for cutting.

- Empress.** Large flowering, pure Oz. Pkt. white. \$0.40 \$0.05
White Rocket. A standard white sort.20 .05
Purple. Fine dark purple.30 .05
Crimson. Very beautiful.30 .05
Mixed. Annual varieties.30 .05
Hardy Perennial (Sempervirens). Pure white.10



Calendula



Centaurea

- CANNA.** Very showy foliage and brilliant flowering plants, desirable for large beds. Pkt.
Crozy's Large Flowering Dwarf. Mixed. . . \$0.10
Dark Leaved. Mixed.05
Green Leaved. Mixed.05

Carnations

Excellent for pots and open border culture.

- Marguerite.** This variety blooms in four months from sowing of seed; flowers large and fragrant. Finest mixed, $\frac{1}{8}$ oz., 30c.10
Marguerite. Pure white, rose or crimson, each. . .10
Fine Mixed. Double. Fine for borders.10

Celosia (Cockscomb)

Very showy annuals of two distinct classes. Cristata, the comb varieties; Plumosa, the feather sorts.

- Cristata Nana.** Dwarf Pkt. sorts in variety of colors. Mixed. $\frac{1}{8}$ oz., 30c. . . \$0.10
Cristata Glasgow Prize. Dark foliage and crimson comb. . .10
Plumosa Thompsoni. Crimson large. . .10
 " " Yellow plumes, fine. . .10
 " " Mixed colors. $\frac{1}{8}$ oz., 25c. . .10

Centaurea

- Gymnocarpa.** Silver foliage; drooping habit.05
Imperialis. The largest flowering variety, very beautiful. Mixed colors. $\frac{1}{4}$ oz., 25c.10
Cyanus (Bachelor's Button). Excellent flowering annual. Mixed. Oz., 25c.05
Cyanus Blue. Oz., 25c.05
 " Rose. Oz., 25c.05
 " White. Oz., 25c.05
 " fl. pl. Double Bachelor's Button. Double Blue. Oz., 60c.05
 " fl. pl. Double mixed. Oz., 50c.05
CHRYSANTHEMUMS. Very showy annuals; valuable for cutting.
Single Mixed. Annual sorts. Oz., 30c.05
Coronarium. Double white. $\frac{1}{4}$ oz., 20c.05
 " Double yellow. $\frac{1}{4}$ oz., 20c.05
 " Double finest mixed. $\frac{1}{4}$ oz., 20c.05

CINERARIA. One of the most beautiful greenhouse plants.	Pkt.
Grandiflora Mixed. Large flowering varieties.....	\$0.25
Maritima (Dusty Miller). Silver Foliage.....	.05
CLARKIA Mixed. Free flowering annuals of easy culture.....	.05
CLEOME GIGANTEA (Giant Spider Flower). Very attractive among shrubbery. Height 3 feet.....	.10
COBÆA. Rapid growing climbing vines.	
Scandens. Blue. $\frac{1}{4}$ oz., 25c.....	.10
White.....	.10
COLEUS. Ornamental foliage plants.	
New Hybrids. Mixed.....	.25
Fine Mixed......	.10
CONVOLVULUS (Morning Glories). Free flowering annuals for trellis, rockwork, etc.	
Major Mixed. Quick growing climbers. Oz., 15c; $\frac{1}{4}$ lb., 30c.....	.05
Minor Mixed. Dwarf sorts for rockeries, etc.....	.05

Cosmos

Easily grown annuals producing large disc-like flowers resembling Single Dahlias.

Early Flowering Mammoth. Sown in April or May in the open ground where they are to grow and thin out but do not transplant. Pinch out tops when 2 to 3 feet high to force plant to branch. Should bloom profusely from August until frost.	
White	$\frac{1}{4}$ oz., 25c \$0.10
Rose	$\frac{1}{4}$ oz., 25c .10
Crimson	$\frac{1}{4}$ oz., 25c .10
Finest Mixed	$\frac{1}{4}$ oz., 25c .05

Mammoth Perfection. Flowers are of large size, often 5 inches in diameter.

White	$\frac{1}{4}$ oz., 25c .10
Pink	$\frac{1}{4}$ oz., 25c .10
Mixed	$\frac{1}{4}$ oz., 25c .05
Giant Lady Lenox. Rosy pink.....	$\frac{1}{8}$ oz., 25c .10
" " " Pure white.....	$\frac{1}{8}$ oz., 25c .10
COWSLIP (Primula Veris). Hardy perennial, a favorite spring flower.....	.10
CUPHEA PLATYCENTRA (Cigar Plant). Very desirable plant for pots or borders.	
Scarlet Tipped. White.....	.05
CYPERUS Alternifolius (Umbrella Plant). A very desirable plant for table decoration.....	.10



Cosmos

CYCLAMEN Persicum Giganteum. Excellent for pot plants; foliage is very beautiful and flowers are borne erect well above the foliage.	Pkt.
White, Red, Rose, White with Claret Base and Mixed Colors. Each.....	\$0.25
CYPRESS VINE. Climbing annual of great beauty; foliage is extremely attractive.	
Finest Mixed. Oz., 25c.....	.05
DAISY Shasta. Hardy perennial, blooming abundantly the first year from seed. Flowers pure white with yellow center.....	.10
DATURA. Mixed, Hardy annuals producing large showy plants, with handsome trumpet-shaped flowers	.05
DAHLIA. Half hardy perennials of value for cutting. Will bloom first season from seed sown in March or April.	
Cactus. Double flowering mixed.....	.10
Double. Large flowering mixed.....	.10
Single. Large flowering mixed.....	.10
DELPHINIUM. Hardy perennials of value for planting in borders.	
Formosum. Dark blue.....	.10
Light blue.....	.10
Hybridum. Mixed. Large flowering sort. $\frac{1}{4}$ oz., 25c	.05
DOLICHOS Lablab. Mixed. (Hyacinth Bean). Climbers.....	.05



Dianthus

Dianthus

Excellent plants for beds and borders. Flowers cover a wide range of colors and are very fragrant.

Chinensis. Fine mixed. (China Pink). Double flowering popular sort. $\frac{1}{4}$ oz., 20c.....	\$0.05
Heddewigii fl. pl. Double Flowering Japan Pinks.....	.05
Single mixed. Splendid large flowering variety.....	.05
Plumarius. Double flowering hardy garden or June Pink.....	.10
Diadematus. Double flowering Diadem Pink.....	.10
DIGITALIS. Desirable plants for backgrounds, borders and among shrubbery.	
Gloxiniæflora. Mixed. Handsome, spotted flowers. $\frac{1}{4}$ oz., 35c.....	.05
Alba. Pure white.....	.05
Rosea. Rose color.....	.05
DIMORPHOTHECA Aurantiaca Hybrida. New hybrids of African Orange Daisy. Annual free blooming.	.10

- DRACÆNA Indivisa.** Decorative plant with long Pkt.
narrow green leaves.\$0.05
- ECHINOCYSTIS Lobata** (Wild Cucumber). A very
rapid growing annual climber. Oz., 25c..... .05
- ESCHSCHOLTZIA** (California Poppy). Profuse bloom-
ing hardy annuals bearing Poppy-like blooms from
June until frost.
- Californica.** Bright yellow, orange center. Oz., 25c. .05
- Rose Cardinal.** Rose colored.05
- Carmine King.** Rosy-crimson..... .05
- EUPHORBIA.** Very pretty quick growing annuals.
- Variegata.** White and green foliage. ¼ oz., 15c.05
- Heterophylla** (Mexican Fire Plant)..... .10

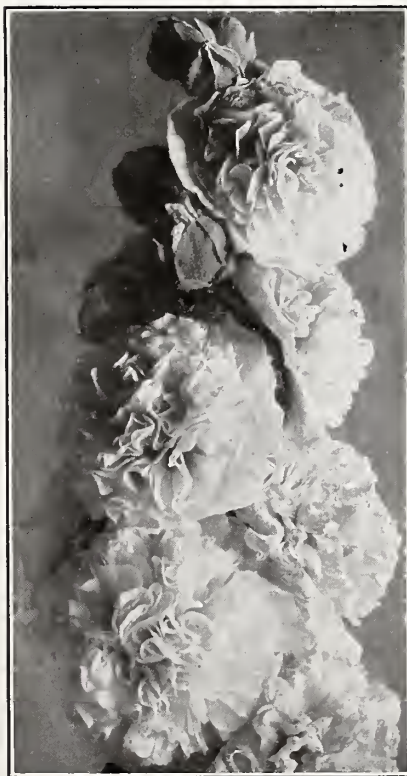
Gaillardia

Showy free bloomers, excellent for bouquets.

- Lorenziana Mixed.** Superb annual sort. ¼ oz., 20c.. .05
- Grandiflora.** Mixed. Perennials of great beauty.
¼ oz., 30c..... .05
- GERANIUM.** Finest Mixed..... .10
- GEUM Atrosanguineum.** Handsome plants for
shrubbery borders. Hardy perennial.10
- GLOXINIA Erecta.** Mixed. Splendid pot plants..... .25
- GLOBE AMARANTHUS. Mixed.** Showy everlast-
ing..... .05
- GODETIA.** Free flowering annuals for beds and
borders. Oz., 30c..... .05
- GOURDS, Ornamental.** Rapid growing climbers
with odd-shaped fruits. Small sorts, mixed. Oz., 30c .05
- Dipper, or Calabash.** Oz., 30c..... .05
- Egg-Shaped.** White..... .05
- Dish Cloth, or Sponge.** Oz., 30c..... .05
- GREVILLEA Robusta.** Graceful decorative plant..... .10
- GYPHOPHILA.** Fine for bouquets. Free blooming
- Paniculata.** Perennial; fine feathery white flowers.
¼ oz., 25c..... .05
- Elegans Grandiflora Alba.** Large flowering pure
white; hardy annual. ¼ oz., 15c..... .05
- HELICHRYSUM.** Mixed. Valuable everlastings, with
beautiful colorings. ¼ oz., 25c..... .05



Eschscholtzia



Hollyhock

- HELIOTROPE.** Finest mixed. Popular for pots
or bedding..... Pkt. \$0.10
- HUMULUS.** Quick growing annual climbers for covering arbors,
etc., the first season from seed.
- Japonicus.** Green foliage. Oz., 30c..... .05
- Japonicus Variegatis.** Variegated green and white..... .05

Hollyhock

Very ornamental perennials, attractive in mixed borders.

- Chater's Prize.** Crimson, yellow, pure white, magenta, pink,
salmon and mixed, each..... .10
- Hollyhock Annual.** Flowers the first season from seed. Sow
indoors in March and will bloom in July or August.
- Single Annual Mixed.** All colors. ¼ oz., 25c..... .10
- Double Annual Mixed.** All colors. ¼ oz., 25c..... .10
- HONESTY.** Hardy biennial treated as an annual. Admired for
its silvery seed pouches..... .05
- HELIANTHUS** (Sunflower). Hardy annuals; flowers very attrac-
tive.
- Anneus Purpurea** (Red Sunflower). Some flowers chestnut red,
others tipped yellow, others slightly washed with red. 4 to 8 ft.
¼ oz., 25c..... .10
- Californicus.** Large, double, orange color. Oz., 25c..... .05
- Cucumerifolius** (Miniature Sunflower). Single flowering; height
height 3 feet. Oz., 25c..... .05
- Globofus Fistulosus.** Double globe shaped; height 6 feet..... .05
- Nanus fl. pl.** Dwarf, double flowering..... .05
- ICE PLANT.** Trailing plants for rockeries, baskets, etc..... .05
- IMPATIENS SULTANA** (Sultan's Balsam). Beautiful decorative
plants..... .10
- IPOMÆA Grandiflora** (Moonflower). Rapid growing climbers
with large white flowers..... .10
- Imperial Japanese Morning Glory.** Very attractive blooms,
rapid climbers. Oz., 25c..... .05
- KOCHIA Tricophylla** (Summer Cypress). An easily grown
annual, 3 feet high. Makes an excellent hedge or fine specimen.
¼ oz., 25c..... .05
- LANTANA Hybrida.** Mixed. Rapid growing small bushy shrubs.. .05

LARKSPUR. Quick growing free flowering annuals. Seed sown early in spring produce beautiful spikes of bloom from mid summer until frost.			Pkt.
Dwarf Rocket. Mixed.	Oz., 25c.....		\$0.05
Tall Stock Flowered. Mixed.	Oz., 25c.....		.05
" " " "	Dark blue. 1/4 oz., 25c.....		.05
" " " "	Dark rose. 1/4 oz., 25c.....		.05
" " " "	Flesh color. 1/4 oz., 25c.....		.05
" " " "	Light blue. 1/4 oz., 25c.....		.05
" " " "	White. 1/4 oz., 25c.....		.05
LATHYRUS Latifolius (Perennial Pea). Mixed. Climbers.	Oz., 50c.....		.05
LINUM (Flax). Annuals of graceful habit.			
Grandiflorum. Scarlet.....			.05
Flavum. Yellow.....			.05
LOBELIA. Graceful plants for vases, edgings, etc.			
Gracilis. Trailing sort. Light blue.....			.05
Crystal Palace Compacta. Erect sort, dark blue.....			.05
Emperor William Compacta. Light blue.....			.05
LINARIA Cymbalaria (Kenilworth Ivy). Trailing plant for vases, etc.....			.05
LUPINUS (Lupins). Well known annuals, with long spikes of bright colored Pea shaped flowers. Annual Mixed. 2 1/2 to 3 feet. Oz., 25c.....			.05
Lupinus (Lupins). Perennial, hardy, immense spikes of Pea shaped flowers. Oz. 35c.....			.05
LYCHNIS Chalcedonica (London Pride). Bright scarlet, 2 to 3 feet high. Hardy perennial.....			.05
MALOPE (Mallow). Free blooming annuals, with large showy flowers. 3 feet.			
Grandiflora. White and pink 1/4 oz., 15c.....			.05

Marigold

Well known garden annuals with rich showy flowers. Very easy of culture.

African Tall. Mixed. Pkt.	
1/2 oz., 15c.....	\$0.05
Orange Prince. 1/4 oz., 25c.....	.10
Lemon Prince. 1/4 oz., 25c.....	.10
African Dwarf. Mixed.	
1/2 oz., 15c.....	.05
French Dwarf. Mixed.	
A very beautiful type.	
1/2 oz., 15c.....	.05
French Dwarf, Gold Striped. Brown and golden yellow. 1/4 oz., 15c.....	.05
French Tall. Mixed.	
1/2 oz., 15c.....	.05
Legion of Honor. Single.	
Golden yellow, with purple. 1/2 oz., 15c.....	.05



Mignonette



African Marigold



Larkspur

Mignonette

Well known sweet scented annuals.

Grandiflora. Pkt.	
Large flowering.	
Oz., 20c.....	\$0.05

Machet. Best for pots. 1/4 oz., 25c.....	.10
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Allen's Defiance. Large spikes. 1/4 oz., 25c.....	.10
Miles Spiral. Long spikes.....	.05
MARVEL OF PERU (Four o'Clock). Favorite old-fashioned flowers. Oz., 15c.....	
MAURANDIA. Mixed trailing plants for baskets.....	.10
MATRICARIA Capensis. Neat, small, double white flowers.....	.05
MIMULUS Moschatus (Musk Plant). Yellow, sweet scented.....	.10
Tigrinus. Spotted varieties.....	.10
MIMOSA PUDICA (Sensitive Plant).....	.05
MOMORDICA. Very attractive for trailing on fences, stumps, etc.	
Balsamina. Balsam Apple.....	.05
Charantia. Balsam Pear.....	.05
MUSA Ensete (Abyssinian Banana). Beautiful sub-tropical plant.....	.15
MYOSOTIS (Forget-Me-Not). Charming perennials, producing small blue flowers.	
Alpestris Victoria. Stout bushy habit. 1/8 oz., 25c.....	.10
Palustris. Blue with white eye.....	.10
NEMESIA Strumosa Suttoni. Hardy annual. A fine plant for small beds; leaves whorled terminal racemes white and purplish tinted flowers. 18 in.....	
NEMOPHILA. Mixed. Pretty annuals adapted to garden culture. 1/2 oz., 15c.....	.05
NICOTIANA Affinis. A species of tobacco, very decorative. 1/4 oz., 25c.....	.05
NIGELLA. Mixed. Easily grown annuals.....	.05

Nasturtiums—Dwarf

For summer flower beds nothing can surpass them; plants form perfect mounds about one foot high by one foot across. Seed sown in open ground early in spring produces blooming plants in early summer and continues until frost.

	Oz.	Pkt.
Aurora. Salmon and pink.....	\$0.25	\$0.05
Beauty. Yellow striped red.....	.25	.05
Chameleon. Variable.....	.25	.05
Cloth of Gold. Scarlet.....	.25	.05
Crystal Palace Gem. Sulphur spotted maroon..	.25	.05
Empress of India. Crimson dark leaves.....	.25	.05
Golden King. Golden yellow.....	.25	.05
King of Tom Thumb. Scarlet.....	.25	.05
King Theodore. Dark maroon.....	.25	.05
Lady Bird. Orange red, spotted.....	.25	.05
Pearl. Creamy white.....	.25	.05
Prince Henry. Light yellow.....	.25	.05
Ruby King. Rose shaded.....	.25	.05
Scarlet.....	.25	.05
Spotted. Red and yellow.....	.25	.05
Vesuvius. Salmon rose.....	.25	.05
Queen of Tom Thumbs. Mixed, variegated leaved sorts.....	.30	.10
Mixed. Extra quality, our own mixture, from named varieties. $\frac{1}{4}$ lb., 60c.....	.20	.05

Nasturtiums—Tall or Climbing

For covering trellis, fences, rockeries, etc., or trailing from vases, they are unexcelled; of easy culture and rapid growth, 12 to 15 feet high.

	Oz.	Pkt.
Scarlet	\$0.20	\$0.05
Chocolate.....	.20	.05
King Theodore. Maroon.....	.20	.05
Yellow.....	.20	.05
Hemisphericum. Yellow blotched pink.....	.20	.05
Jupiter. Giant flowering, yellow.....	.20	.05
Regelianum. Purple violet.....	.20	.05
Pearl. Creamy white.....	.20	.05
Prince Henry. Cream, spotted; tipped red..	.20	.05
Vesuvius. Salmon rose.....	.20	.05
Von Moltke. Ruby rose.....	.20	.05
Orange.....	.20	.05
Mixed. Extra quality. Our own mixture from named varieties. $\frac{1}{4}$ lb., 50c.....	.15	.05



Pansy

Petunia

General favorites of easy cultivation, blooming continuously from early summer till frost.

	Pkt.
Fine Mixed. Single bedding sort. $\frac{1}{4}$ oz., 25c.....	\$0.05
Alba. Pure white. $\frac{1}{4}$ oz., 25c.....	.05
Countess of Ellsmere. Dark rose with white throat..	.10
General Dodd's. Dark crimson.....	.10
Striped and Blotched. Splendid varieties.....	.10
Dwarf Striped and Blotched. Excellent for vases...	.10
Grandiflora. Single Mixed. Choice large flowering...	.25
California Ruffled Giants. Extremely large flowers with ruffled edges; exquisite colorings and markings...	.25
Fringed Double. Very choice sorts.....	.50
Double Fine Mixed.....	.25



Nasturtiums

Pansies

Seed should be sown in July and August for early spring blooming, or if sown in May will make excellent plants for late blooming.

Pino's Special Mixture. In this mixture we offer all the choice fancy sorts, and we believe nothing better can be procured. $\frac{1}{4}$ oz., \$1.50.....	\$0.20
English Show. Large flowering English sorts.....	.20
Bugnot's Stained. Superb blotched varieties.....	.20
Cassier's Giants. Splendid large flowering blotched	.20
Masterpiece. Curled, wavy petals, new and distinct.	.20
Orchidæflora. A large flowering class, comprising many new and novel shades.....	.20
Very Fine Mixed. Splendid varieties. $\frac{1}{4}$ oz., 75c.....	.10
Good Mixed. Fine bedding varieties. $\frac{1}{4}$ oz., 50c....	.05
Trimardeau Giant. The largest and most robust in growth.	Pkt.
White	\$0.15
Striped	\$0.15
Yellow.....	.15
Lord Beaconsfield...	.15
Purple.....	.15
Mixed. $\frac{1}{4}$ oz., 50c....	.15
Tufted Pansies. Very free blooming Pansies adapted to shady place. Small flowering. $\frac{1}{4}$ oz., 50c.....	.10



Petunia

Phlox Drummondii

- Excellent annuals for bedding. Pkt.
- Grandiflora Alba.** Pure white.....\$0.10
- Coccinea.** Brilliant scarlet......10
- Rosea.** Bright rose... 10
- Atropurpurea.** Deep blood red..... 10
- Grandiflora Mixed.** Choice large flowering sorts. ¼ oz., 50c 10
- Cuspidata.** Splendid star-shaped varieties 10
- Decussata Mixed.** Perennial sorts..... 10

Poppies

Splendid plants for borders, etc.

- Carnation Flowered.** Splendid double fringed varieties. Mixed. Oz., 25c..... .05
- White Swan.** Pure white......05
- Brilliant Rose.....** .05
- Cardinal.....** .05
- Pæony Flowered.** Mixed. Excellent double Pkt. varieties. Oz., 25c.....\$0.05
- Danebrog.** Brilliant scarlet with white blotch, single .05
- Glaucum** (Tulip Poppy). Dazzling scarlet, single. Oz., 50c..... .05
- Shirley.** Single. Mixed. Very dainty colored, with rich satin appearance. Oz., 50c..... .05
- Oriental.** Enormous deep scarlet flowers. Perfectly hardy. ½ oz., 25c..... 10
- Oriental.** Hybrids mixed. Hardy perennial. Finest shades. ½ oz., 25c..... 10
- Iceland.** Mixed, hardy perennial, blooming first season from seed..... .05
- PERILLA NANKENSIS.** Splendid foliage..... .05
- PLATYCODON Grandiflora.** Hardy perennial, bright red bell-shaped flowers..... .05
- POLYANTHUS.** Popular hardy perennial. Finest named sorts, mixed. ½ oz., 25c..... 10

Portulaca

Very brilliant dwarf annuals, suitable for warm, dry situations. Should not be sown until hot weather.

- Pkt.
- Single.** Fine Mixed. Oz., 50c.\$0.05
- Single.** Pure white..... 05
- Single.** Golden yellow..... 05
- Single.** Flesh..... 05
- Single.** Scarlet..... 05
- Double.** Choice mixed. ½ oz., 50c..... 10
- PRIMULA SINENSIS** (Chinese Primrose). Excellent pot plants for winter decorations.
- Choice Fringed.** Mixed. 25



Portulaca



Phlox

- Borboniensis.** Dark green, 15 feet. oz., 20c..... .05
- Cambodgensis.** Very dark foliage and stem, 5 feet. Oz., 25c..... .05
- Gibsoni.** Dark red, 5 feet. Oz., 20c..... .05
- Sanguineus.** Blood red foliage, 6 feet. Oz., 20c .05
- Fine Mixed.** Oz., 20c..... .05
- Zanzibariensis.** Mixed. Very large growing sort, extremely attractive. Oz., 25c..... .05
- ROCKET SWEET.** Hardy perennial, 2 feet high, white and purple, mixed..... .05

Salvia

(Scarlet Sage). Easily grown, free flowering and extremely showy.

- Splendens.** Vivid scarlet, 2 feet. ½ oz., 35c.... 10
- Bonfire.** Early flowering, scarlet, 1½ feet, ½ oz., 50c .15
- Zurich.** Very dwarf, early flowering..... 15
- Patens.** Blue..... 15
- SALPIGLOSSIS Emperor.** Mixed. Improved large flowering strain. Very showy annual with funnel-shaped flowers borne on slender stems, in rich shades, beautifully penciled and veined. Free blooming, July to October. ½ oz., 20c..... 10
- SCABIOSA** (Mourning Bride). Showy border plants with beautiful variegated flowers.

- Dwarf Mixed.** 1½ feet. ¼ oz., 20c..... .05
- Tall Mixed.** 2½ feet. ¼ oz., 20c..... .05
- SCHIZANTHUS.** Free blooming annuals, excellent for bedding. Finest mixed..... .05
- SMILAX.** Beautiful climber .05
- SOLANUM Capsicastrum.** Jerusalem Cherry..... 10



Poppy



Salpiglossis

Sweet Peas

During the last ten years great improvement has been made in size and beauty of this popular flower and the development is still in progress. New colors, form and types are being brought out by the Sweet Pea Growers every year, but we will confine our list here to the best tried sorts, and we feel confident that we can take care of the wants of our customers with the stock we carry.

The proper time to spade garden for Sweet Peas is in the fall, as the longer the soil remains in the rough state the better. Give a liberal dressing of well rotted stable manure, ground bone and a dusting of lime. Spade to a depth of six or eight inches and allow soil to remain in the rough without chopping down. When sowing seed see that the soil is firmly tread down, as Sweet Peas require not only a deep soil but a firm one. Seed should always be sown early in spring one inch deep and when plants are well up thin to two to four inches apart. Many thin to six to nine inches apart and when three or four inches high pinch out tops to start branching. Support should be given early before plants get twisted. When hot, dry weather begins, see that the plants are well mulched and well watered. Look out for green aphid and keep clean by spraying with solution of tobacco extract. Care must be taken to keep flowers picked, as the forming of seed pods will stop blooming.

In giving a list of the Sweet Peas we have confined ourselves to those sorts that have been tested as the strongest growers, and from the various shades and colors have selected those which are the clearest and the truest.

Giant Spencer—Waved Varieties

Spencer Sweet Peas are the largest and most beautiful of all known Sweet Peas, the individual flowers measuring frequently 2 to 2½ inches across; they are also remarkable for their profuseness and continuous bloom. On strong stems 9 to 12 inches long, the beautiful flowers are borne three to four on a stem. The standards are open, well rounded and exquisitely waved and often serrated.

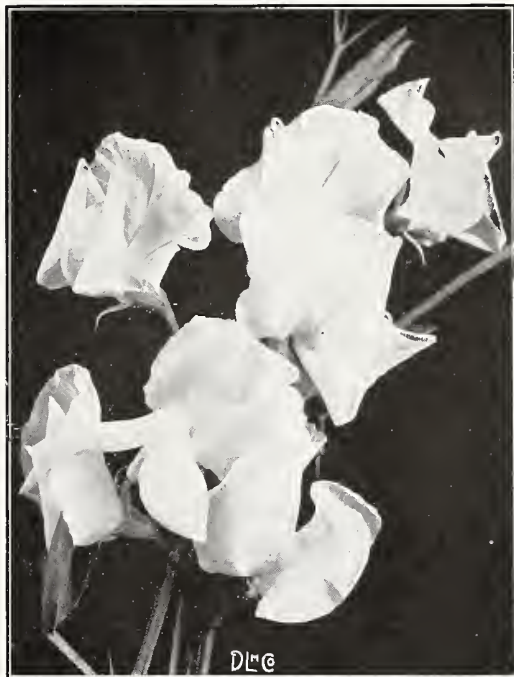
Packet, 10c; oz., 30c; lb., \$1.00.

Asta Ohn. Pinkish lavender.

Blanche Ferry Spencer. Bright rose standard, wings white, flushed pink.

Countess of Spencer. Pure pink.

King Edward Spencer. Pure red.



Sweet Peas

Othello Spencer. Deep maroon.

Primrose Spencer. Pure primrose.

Wedgewood. Blue.

White Spencer. Pure white, select stain.

Giant Spencer Mixture

Well selected mixture containing only true Spencer types. We can recommend this as a superior mixture. **Oz., 20c; ¼ lb., 60c; lb., \$2.00.**

Grandiflora Varieties

Blanche Ferry. Rose and white.

Dorothy Eckford. Large white.

Flora Norton. Bright blue.

Katherine Tracy. Pink.

King Edward III. Bright red.

Lady Grisel Hamilton. Lavender.

Lovely. Deep, shading to light pink.

Mrs. Collier. Primrose.

Othello. Deep maroon.

Prima Donna. Pink.

Salopian. Bright red.

Price.
oz., 10c;
¼ lb., 30c;
lb., \$1.00.



Stocks

Pino's Perfection Mixture

A carefully prepared mixture of the finest Grandiflora varieties. **Oz., 10c; ¼ lb., 30c; lb., \$1.00.**

Stocks, Ten Weeks

German, Ten Weeks. Splendid for bedding or pot culture; free blooming and covering a wide range of color.

Large Flowering. Pure white, blood red, flesh color, rose, Pkt. canary yellow, purple, lavender. Finest mixed, each. \$0.10

Princess Alice (Cut and Come Again). Pure white, perpetual flowering. .10

Beauty of Nice. Delicate flesh pink. .10

Queen Alexandra. Rosy lilac. .10

SWEET WILLIAMS. Popular old fashioned hardy perennials for beds or borders. Easily grown from seed forming fine clumps which produce brilliant colored flowers the second season.

Dark Crimson. .10

Pure White. .10

Scarlet. .10

White. Margined. .10

Single. Mixed. Oz., 15c. .05

Double. Mixed. ¼ oz., 20c. .10

THUNBERGIA. Mixed ornamental climbers. .05

TROPÆOLUM Lobbianum. Climber, dark foliage, bright colored flowers. .05

Canariensis (Canary Bird Flowers). .05

Verbena

Popular free blooming plants, excellent for garden culture. Pkt.

Mammoth. White.....	$\frac{1}{8}$ oz., 50c	\$0.10
" Scarlet.....	$\frac{1}{8}$ oz., 50c	.10
" Pink shades.....	$\frac{1}{8}$ oz., 50c	.10
" Blue shades.....	$\frac{1}{8}$ oz., 50c	.10
" Mixed.....	$\frac{1}{8}$ oz., 35c	.10
Lemon Scented. Scented leaves.....		.10
VINCA. Fine for pots or borders.		
Alba. Pure white; Rosea , rose; mixed, each.....		.05
VIOLA Odorata (Sweet Violet). Fragrant bedding plant.....		.10
VIRGINIAN STOCK. Hardy annuals for beds and borders.....		.05
WALLFLOWER. Favorite sweet scented flower.		
Earliest Paris. Flowers first season.....		.10
Single Mixed.....		.05
Double Mixed.....		.10

Zinnia

Robust growing annuals, very free flowering. No flowers are more easily grown from seed in the open ground, and few bloom so continuously through the entire summer. Those acquainted only with the old-time Zinnias will be surprised at the perfection to which the newer strains have attained. Pkt.

Tall Double. Mixed. Height 2 ft.; $\frac{1}{4}$ oz., 25c.....	\$0.05
Dwarf Double. Mixed. Height 1 $\frac{1}{2}$ ft.; $\frac{1}{4}$ oz., 25c.....	.05
Pino's Giant Double. In size of bloom and brilliancy of colorings this is undoubtedly the finest strain of Zinnia in cultivation. Very robust in growth.	
Mixed Colors.....	$\frac{1}{4}$ oz., 35c .10
Scarlet.....	$\frac{1}{4}$ oz., 35c .10
Flesh color.....	$\frac{1}{4}$ oz., 35c .10
Golden yellow.....	$\frac{1}{4}$ oz., 35c .10
White.....	$\frac{1}{4}$ oz., 35c .10
Pink.....	$\frac{1}{4}$ oz., 35c .10
Sulphur Yellow.....	$\frac{1}{4}$ oz., 35c .10
Pompon. Mixed. Dwarf, small flowering.....	.05
Double Giant Picotee. A new and distinct class. colors range through orange, flesh, lemon, pink and cerise, each tipped with various darker shades extremely attractive.....	$\frac{1}{2}$ oz., \$1.00 .15
Curled and Crested. Petals beautifully curled and twisted. $\frac{1}{4}$ oz., 35c.....	.10
Zebra. Striped sorts. $\frac{1}{4}$ oz., 35c.....	.10

Wild Flower Garden Mixture

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, alongside of fences and on untidy bare spots which, if properly cared for and kept free from weeds, can bloom during the summer. Pkt. 10c.



Verbena

Ornamental Grasses

	Pkt.
Agrostis Nebulosa. Hardy annual, fine for vases and bouquets.....	\$0.05
Arundo Donax. Hardy perennial, sub-tropical plants; ornamental in habit.....	.05
Avena Sterilis (Animated Oats). Hardy annual.....	.05
Briza Maxima (Quaking Grass). Hardy annual, pretty for bouquets.....	.05
Bromus Briziformis. Hardy perennial, fine for winter bouquets.....	.05
Coix Lacryma (Job's Tears). Hardy annual.....	.05
Eragrostis Elegans (Love Grass). Hardy annual; very attractive; excellent for bouquets.....	.05
Erianthus Ravennae (Plume Grass). Tender perennial, stately growth.....	.05
Eulalia Japonica. Hardy perennial; beautiful tall growing grass.....	.10
Gynerium Argenteum (Pampas Grass). Tender perennial, bearing beautiful plumes.....	.05
Hordeum Jubatum (Squirrel Tail Grass). Hardy annual.....	.05
Lagurus Ovatus. (Hare's Tail Grass). Hardy annual.....	.05
Pennisetum Longistylum. Hardy annual, very beautiful.....	.05
Stipa Pennata (Feather Grass). Hardy perennial, very beautiful plumes.....	.05
Zea Japonica. Hardy annual, beautifully striped.....	.05

Bedding Plants

	Doz.	100
Asters. Double Mixed.....	\$0.35	\$2.00
Ageratum. Blue.....	1.00	6.00
Coleus. Assorted.....	.75	6.00
Fuchsias	2.00	12.00
Geranium	2.00	12.00
Heliotrope	1.50	10.00
Marigolds.....	.50	3.00
Lobelia.....	.50	4.00
Pansies, Prize, Fienst.....	.50	3.00
Petunia, Double	2.00	12.00
Salvia Splendens, Scarlet.....	.75	5.00
Stocks, Double Assorted	1.50	10.00
Verbenas.....	.75	6.00
Vincas	2.50	15.00
Zinnias.....	.50	3.00



Zinnia

Summer Flowering Bulbs



Gladiolus America

Begonias

Tuberous Rooted

Begonias are indispensable for shady places in the garden or lawn, also desirable for pots or piazza boxes. Start in the house in March or April and remove to the open ground as soon as danger of frost is past. They will bloom freely from July until cut down by the frost. Dry tubers may also be planted in the open ground in May. Care should be taken to keep constantly moist.

Single. White, yellow, rose, scarlet, crimson, orange.

Price, extra fine bulbs, 10c each; \$1.00 per doz.

Double. White, yellow, rose, scarlet, crimson, orange.

Price, extra fine bulbs, 15c each; \$1.75 per doz.

Caladium

Esculentum. This is one of the most beautiful and striking of the ornamental foliage plants, for growing in pots or for planting on the lawn, or masses in beds. It is of the easiest culture, and will grow in any good garden soil.

Dry Bulbs, 10c each, \$1.00 per doz.; medium, 15c each, \$1.50 per doz.; large, 25c each, \$2.50 per doz.

Cannas

10c each; 75c per doz.

Alphonse Bouvier. Finest tall crimson.

Duke of Marlborough. Very deep crimson.

Florence Vaughn. Golden yellow, spotted crimson.

J. D. Eisele. Brilliant vermilion scarlet, overlaid with orange.

President Meyer. Rich cherry carmine.

Professor Romberge. Brilliant fiery red.

Richard Wallace. Canary yellow.

Venus. Very soft rosy pink.

West Virginia. Crimson scarlet with broad golden edge.

Shenandoah. Best dark leaved.

Gladiolus

Bulbs planted in open ground in spring produce plants with long, rush-like foliage and magnificent flower spike early in the following autumn.

America. One of the finest varieties; color soft flesh pink; orchid-like in color and texture. **Doz., 50c; 100 for \$3.50.**

Annie Wigman. Pale yellow, dark blotch. **Doz., 40c; 100 for \$3.00.**

Augusta. White with blue anthers. **Doz., 50c; 100 for \$3.50.**

Baron Hulot. Royal violet blue. Arranges beautifully in combination with the yellow sorts. **Doz., 60c; 100 for \$4.00.**

Brenchleyensis. One of the best vermilion scarlet sorts. **Doz., 40c; 100 for \$3.00.**

Chicago. White with lavender markings. Small flower but early. **Doz., 50c; 100 for \$3.50.**

Electra. Soft red, extra large and very attractive. **Doz., 75c; 100 for \$5.00.**

Empress of India. Brownish black. One of the best dark sorts. **Doz., 60c; 100 for \$4.00.**

Glory of Holland. Pure white with lavender anthers. **Doz., 50c; 100 for \$3.50.**

Halley. Salmon pink. **Doz., 50c; 100 for \$3.50.**

Lily Lehman. Ivory white, without markings; extra fine. **Doz., 50c; 100 for \$3.50.**

Mrs. Francis King. Beautiful light scarlet. **Doz., 50c; 100 for \$3.50.**

Niagara. Cream lower petals blending to canary, throat splashed carmine. **Doz., 75c; 100 for \$5.00.**

Panama. Rose, extra fine spike. **Doz., 60c; 100 for \$4.00.**

Pink Beauty. Violet rose dark center. **Doz., 40c; 100 for \$2.50.**

Princeps. Rich crimson with deep shading and blotches on lower petals. **Doz., 50c; 100 for \$3.50.**

Schwaben. Rich orange yellow with carmine blotch, extra long spike. **Doz., 75c; 100 for \$5.00.**

White Excelsior. Pure white; late flowering. **Doz., 60c; 100 for \$4.00.**

Willy Wigman. Creamy white with dark red blotch. **Doz., 50c; 100 for \$3.50.**

Pino's Special Mixture. Selected too over a wide range of types, and we have given special attention to the selection of the lighter and more desirable shades. All bulbs strictly first-class. **Doz., 50c; 100 for \$3.50.**

Calla Lilies

Spotted leaved. Desirable for outdoor planting. Requires a moist situation. **10c each; \$1.00 per doz.**

Gloxinias

Should be grown in pots in the house or on the veranda, in boxes or little frames outside, and will flower all summer. Their green leaves are surmounted with a cluster of lovely trumpet shaped flowers. The coloring is exquisite; the ground-work of many is pure white, with throats of blue, scarlet, rose or crimson; or the tubes are of bright colors with white throat. The bulbs should be started in a warm place—greenhouse, hot bed or sunny window. Early in the fall they should be dried off, letting the leaves die; pots can be kept over winter in a cellar free from frost. **Extra strong bulbs, named varieties, 25c each; \$2.50 doz.**

HYACINTHUS Candicans (Summer Hyacinth). Excellent for clumps or used among shrubbery. **Each, 10c; doz., 75c.**

ISMENE Grandiflora. Same treatment as for Gladiolus; flower in six to eight weeks after planting. Very beautiful lilylike plant. **Extra large bulbs, each, 20c; doz. \$2.00.**

MADEIRA VINE. A rapid growing vine with fragrant white flowers. **Each, 5c; doz., 50c.**

OXALIS. These summer flowering bulbs should be planted out early in May, about two inches deep. **Mixed colors, doz., 25c.**

SUMMER-FLOWERING BULBS—Continued

Dahlias

CACTUS VARIETIES

- Ingress.** This new dahlia proved fine, no doubt the best dark maroon on long stems, free bloomer. **Each 35c.**
- Glory of Wilts.** One of the best clear yellow; large flowers, very free bloomer. Good garden and exhibition variety. **Each 25c.**
- Snowstorm.** Large flowers of pure white, petals incurved; an early bloomer. Exhibition flower. **Each 35c.**
- Advance.** Large bright scarlet flowers well above foliage. **Each 35c.**
- Wolfgang von Goethe.** A rich apricot salmon and carmine on good stems. **Each 50c.**
- Wodan.** Very strong growing variety; flowers bold, 6 to 8 inches in diameter; salmon rose, overlaid old gold at center. Exhibition and garden variety. **Each 35c.**
- Nibelungenhort.** Large broad petalled more or less twisted, a beautiful shade of old rose, tinged golden apricot. Very free garden or exhibition dahlia of its class. **Each 75c.**
- Furst Puckler.** Striking dahlia of a golden yellow, branded red, tinted pink. Very early and free. **Each 50c.**
- Johannesburg.** Bright yellow shaded bronze slightly tinged salmon very free bloomer. **Each 25c.**
- Perriot.** A very striking novelty dahlia, pure amber, overlaid bronze with tips white; large exhibition flower. **Each 50c.**
- Kalif.** The largest dahlia known; flowers 9 to 12 inches in diameter, deep red, good stem, petals rather broad; flowers well above foliage on stiff stems. Fine garden or exhibition for its size. **Each 50c.**
- Pink Pearl.** Clear bright pink, flowers medium size profuse bloomer. **Each 20c.**
- Set of 12 Cactus Dahlias for \$4.50.**

SINGLE VARIETIES

- Jack.** The best scarlet single grown a very free bloomer. **Each 25c.**
- Marguerite Perkins.** A pretty light cream tinted and marked earmine rose. **Each 20c.**
- Golden Century.** Large fine yellow, flowers on long stems well above the foliage. **Each 25c.**
- Rose Century.** Clear deep rose, a lovely shade. **Each 25c.**
- Twentieth Century.** Rose, crimson tipped and striped white. **Each 10c.**
- Pink Century.** The best pink single grown flowers large and good stem. **Each 30c.**
- Bride.** A large pure waxy white, flowers upright on long stems. **Each 50c.**
- Set of 7 single ones each for \$1.75.**

SHOW VARIETIES

- Bride.** Blush pink, edged and tipped rose. Very large and free. Garden or exhibition variety. **Each 10c.**
- Gracchus.** Pale buff, shaded to bronze, slightly tinged pink very fine bloomer. **Each 20c.**
- Cuban Giant.** Very best deep red dahlia grown, blooms freely on long stems. Good for garden and exhibition. **Each 10c.**
- A. D. Livoni.** The finest pure pink. Best bloomer in all the show dahlias. Fine garden dahlia. **Each 10c.**
- Mad. H. Futardi.** The best all round white show dahlia flowers full and on good stem. **Each 20c.**

DECORATIVE VARIETIES

- Attraction.** Large, elegant flowers of a rose pink, borne on long stiff stems. **Each 50c.**
- Tenor Alvarez.** One of the largest dahlias, color bronze red, splashed and striped with velvety brown; makes a fine appearance in the plant. Fine for garden or exhibition. **Each 35c.**
- Robert Mantell.** Bright red, good bloomer and good medium sized flowers. **Each 20c.**
- Mina Burgle.** The best bright scarlet grown, flowers free on good long stems. No better. **Each 50c.**
- Princess Juliana.** Large pure white, fine for cutting. Garden variety. **Each 30c.**
- Hortulanus Fiet.** Large free flowering, glowing rose pink, borne on large long stems; flowers all above the foliage, each petal slightly tinged old gold. Very fine garden or exhibition dahlia. **Each 75c.**
- D. M. Moore.** The largest deep maroon in cultivation; flowers full. Fine for exhibition and garden. **Each 35c.**
- Abundance.** This new dahlia is a dwarf grower, flowers large, yellow overlaid orange, striped red, very free. **Each 75c.**
- Fraulein Budde.** Beautiful soft pink, on good stems; free flowering. Good garden variety. **Each 50c.**
- Le Grand Manitou.** One of the largest decoratives, on good stems; lavender white, mauve shaded striped violet red. Garden or exhibition. **Each 25c.**
- Morocco.** Deep purple, sometimes tipped white. Good garden variety. **Each 15c.**
- Mrs. J. Gardner Cassatt.** Large flowering mauve pink, shade very pleasing to the eye; good for garden or exhibition. **Each 25c.**
- Kakadee.** One of the most striking dahlias in the garden; lemon yellow tipped white, flowers large and free, stems often 15 to 18 inches long. **Each 75c.**
- Set of 12 Decorative Dahlias for \$5.25.**

PEONY VARIETIES

- Geisha.** Very striking red and yellow dahlia and most profuse bloomer. A good garden and exhibition flower. **Each 35c.**
- Dr. Perry.** Very large, deep mahogany; excellent bloomer, on good stems. An exhibition and garden variety. **Each 35c.**
- Queen Wilhelmina.** Pure white petals, very waxy and broad. A fine garden or exhibition flower. **Each 25c.**
- Paul Kruger.** White, streaked and flaked magenta. **Each 20c.**
- Empress.** Creamy white, flushed and streaked yellow, mixed slightly with carmine. A good exhibition and garden flower. **Each 35c.**
- Loyalty.** A very pretty shade of rose pink, tinted earmine. **Each 35c.**
- Hampton Court.** Lovely deep pink, fine petalled flowers; good stems, large free. Fine exhibition flower. **Each 35c.**
- Topaz.** A new light yellow, tinted white, good long stems and a very free bloomer. **Each 50c.**
- Leo XIII.** One of the best large clear yellow, good long stems. **Each 35c.**
- Titian.** The best deep purple, with magenta shadings flowers borne on long stems. **Each 25c.**
- Ophir d'O.** Large glossy shade of tango, very pleasing. **Each 35c.**
- Set of 11 Peony Dahlias, one each for \$3.50.**

Special Collections for 1919

- Pino's choice collection of 12 Giant colossal dahlias in variety of colors for \$3.00.
- Pino's select collection of 12 good cactus dahlias for cutting in the garden for \$2.50.
- Pino's novelty collection of 12 new novelty flowers of large size latest introductions, \$5.00.
- Pino's exhibition collection of 12 assorted dahlias in cactus, decorative, Peony and show for \$2.50.
- Special collection of 25 assorted dahlias including all classes named for \$3.00.
- Choice collection of 25 assorted dahlias including all classes not labeled for \$2.00.

SUMMER FLOWERING BULBS—Continued

- LILIUM Auratum** (The Golden-Rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Flowers measure nearly a foot across. **First size bulbs, each, 30c; doz., \$3.00.**
- Album.** This is a pure white and very fragrant variety, with beautifully recurved petals. A very fine sort. **Each, 30c; doz., \$3.00.**
- Rubrum.** White ground, with bands and spots of rose or crimson on each petal. One of the best lilies. We have a splendid stock of this very hardy and beautiful kind. **Each, 30c; doz., \$3.00.**
- MONTBRETIAS.** Hardy summer-flowering bulbous plants with brightly colored flowers, borne in long spikes.
- Bouquet Parfait.** Vermilion, golden center.
- Crocsmæflora.** Scarlet and yellow.
- Etoile de Feu.** Bright vermilion.
- Oblisque.** Yellow.
- Rayon d'Or.** Yellow, spotted brown.
- Sulphurea.** Pale yellow.
- Each, 5c; doz., 50c; 100, \$3.50.**

TUBEROSES. In this latitude May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no especial preparation is necessary. Place the bulb so the top will be covered about one inch with soil.

Excelsior Pearl. Extra fine large flowering bulbs. **Each, 5c; doz., 40c; 100, \$3.00. Add 10c per dozen if sent by mail.**

TIGRIDIAS (Shell Flower). Free flowering, gorgeous colored flowers. $1\frac{1}{2}$ feet high. Treat like Gladiolus.

Aurea. Golden yellow.

Grandiflora Alba. White with red spots.

Immaculata Alba. Pure white.

Lilacea. New; lilac.

Pavonia. Bright red.

Rosea. Rose.

Each, 5c; doz., 50c; 100, \$3.50.

Hardy Herbaceous Perennials

ACHILLEA The Pearl. Double white flowers in clusters from July until frost. **Each, 20c; doz., \$2.00.**

AQUILEGIA (Columbine). Flowers profusely from late May until July in clusters on stems 18 to 24 inches high. **Each, 20c; doz., \$2.00.**

ASTER. Beautiful fall flowering, plants 2 to 3 feet high, bluish purple, pink and white. **Each, 25c; doz., \$2.50.**

CAMPANULA carpatica (Carpathian Bluebell). Grows in tufts about 6 inches high with abundance of foliage. Flower stalks slender with single blue bell shaped flowers. Blooms late June to Midsummer. **Each, 20c; doz., \$2.00.**

Media (Canterbury Bells). Height 20 to 24 inches. Flower stems erect, stout much branched. Flowers large bell-shaped single and double, blue, violet, pink and white. Season June into July. **Each, 20c; doz., \$2.00.**

CHRYSANTHEMUMS (Hardy). The Pompon and other small flowered varieties are most satisfactory in the season of Out-of-door bloom, commencing in September and continuing into November. Varied Variety of form and color.

Pompon.

Blushing Bride. Clear pink.

Fred Peel. Light lilac.

James Boone. Creamy white.

Santiago. Bronze tipped yellow.

St. Crousse. Deep brick red.

Small flowered varieties.

Boston. Dark bronze red.

Dawn. Light pink.

Eagle d'Or. Large yellow.

Ivanhoe. Dark pink.

Lyndhurst. Deep red.

Sunset. Scarlet bronze and golden yellow.

Thalia. Small pure white.

Each, 20c; doz., \$2.00.

COREOPSIS Grandiflora. The largest and finest perennial sort; flowers golden yellow; July to October; 18 inches. **Each, 20c; doz., \$2.00.**

DIELYTRA Spectabilis (Bleeding Heart). Long racemes of pink and white heart-shaped flowers; May and June. 2 ft. **Each, 25c and 50c.**

DELPHINIUM (Larkspur). Very ornamental plants, producing tall flower spikes of great value to cut for vases. They commence to bloom in July and if not allowed to seed will continue until frost. Height, 3 ft. **Each, 25c; doz., \$2.50.**

DIANTHUS barbatus (Sweet William). Flowers borne in flat clusters 2 to 4 inches across and 18 to 24 inches high ranging in color from white to maroon with various markings. Blooming season from mid-June until August. A satisfactory plant and thoroughly dependable. **Each, 20c; doz., \$2.00.**

DIGITALIS (Foxglove). Flower stalks 4 to 6 feet high, very attractive, spotted varieties. **Each, 20c; doz., \$2.00.**

FUNKIA Variegata (Day Lily). **Each, 25c; doz., \$2.50.**

GAILLARDIA Grandiflora. Magnificent hardy plants with large crimson and yellow flowers, blooms from July until frost. **Each, 20c; doz., \$2.00.**

GYPSOPHILA Paniculata (Baby's Breath). Light and graceful, pure white flowers, excellent for bouquets. $1\frac{1}{2}$ feet. **Each, 25c; doz., \$2.50.**

HEMEROCALLIS Flava (Lemon Lily). Fragrant. **Each, 25c; doz., \$2.50.**

HOLLYHOCK. Double and single. Finest mixed. **Each, 25c; doz., \$2.50.**

IRIS Kaempferi (Japan Iris). Finest of all the Iris family. The flowers are of immense size from six to eight inches in diameter; should be plentifully supplied with water while growing and flowering. We can supply twenty distinct varieties. **Each, 35c; doz., \$3.50.**

German (the true Fleur-de-Lis). These flourish either in ordinary soil or in moist situations. Colors of the widest range.

Atroviolacea. Standards and falls Violet-blue.

Augustina. Standards deep yellow, falls deep yellow reticulated rich maroon.

Fair Maid. Standards white, falls white slightly marked with lavender.

Flavescens. Standards and falls clear lemon yellow.

Florentina. Creamy white, delicately tinged with lavender.

Gypsy Queen. Standards old gold, falls dark maroon reticulated light yellow.

Her Majesty. Standards rose pink, falls rosy purple.

Madam Chereau. Standards and falls white edged with clear blue.

Mrs. H. Darwin. Standards clear white, falls white slightly reticulated violet.

Pallida speciosa. Standards and falls deep lavender.

Queen of May. Standards and falls soft rose lilac.

Each, 20c; doz., \$2.00.

PAPAVAR Oriental (Oriental Poppy). Gigantic orange scarlet flowers; a great plant for shrubby borders; blooms May to July. **Each, 25c; doz., \$2.50.**

PLATYCODON, or Wahlenbergia (Chinese Bell Flower). Showy, erect spikes, excellent for cutting. July to Sept.; 2 feet. **Grandiflora.** Double blue. **Each, 20c; doz., \$2.00.**

POLYANTHUS. Beautiful dwarf spring flowering plants, combining many beautiful colors. Thrive best in partial shade. **Each, 20c; doz., \$2.00.**

PYRETHRUM Roseum. Daisy like flower in shades of pink, crimson and white. **Each, 25c; doz., \$2.50.**

RUDBECKIA (Golden Glow). Golden yellow flowers, resembling Chrysanthemums. Blooms in August and September. 4 ft. **Each, 15c; doz., \$1.25.**

HARDY HERBACEOUS PERENNIALS—Continued

PÆONIES. Hardy, showy and easily grown; desirable in the garden or along edge of shrubbery. Deep rich rather moist situation is desirable, plenty of well decomposed barnyard manure should be applied. Plant two feet apart, covering crowns two to three inches.

Agida. Dark red.

Duke of Wellington. Sulphur white.

Edulis superba. Bright rose.

Faust. Pink changing to white.

Festiva maxima. Immense white flower with carmine flakes.

Humei. Cherry pink.

Louis Van Houtte. Dark crimson.

Marie Lemoinei. Pure white with occasional carmine flake.

Marechal Valliant. Dark mauve-pink.

Pottsi plena. Delicate peach.

Zoe Calot. Deep pink.

Each, 50c; doz., \$5.00.

PHLOX Subulata (Moss Pink). For edging or rockeries; height four inches; blooms May and June. Pink lilac and white.

Large Clumps. Each, 20c; doz., \$2.00.

HARDY PHLOX. One of the best old-fashioned flowers; grows in clumps of many stout erect stems, good foliage and flowers in pyramidal panicles from June to frost.

Antoinin Mercie. Lilac with white center.

Charles Darwin. Salmon pink with crimson center.

Coquelicot. Brilliant orange-scarlet.

Czarina. Pure white.

Elizabeth Campbell. Light salmon with pink center

Etna. Deep red.

Esperance. Lilac shading to white.

Eugene Danzanvilliers. Soft lilac blue with white center.

Frau Antoine Buchner. Pure white and very large.

Hanny Pfeiderer. Light pink suffused with white.

Le Pole du Nord. White with a deep carmine eye. Late bloomer.

Le Soleil. Light rose shading to white at center.

Lumineux. Soft rose with crimson eye.

Miss Lingard. Pure white with pink center. Very early.

Mme. Meuret. Flame with carmine eye.

Pink Beauty. Pale pink.

Strong Clumps. Each, 20c; doz. \$2.00.

Hardy Ornamental Shrubs

Price except where noted each 50c. and \$1.00.

ALTHEA. Purple, red or white. September.

AZALEA Ghent. Magnificent flowering hybrids. Each, \$1.25 and \$1.75.

MOLLIS. Large, showy and fragrant. Each, \$1.50.

CALYCANTHUS Floridus (Spice Bush). Brown flowers; very fragrant. June to Sept.

CORNUS Florida. White flowering Dogwood. Flowers early in spring. Each, \$1.00.

sibirica. Red backed Dogwood.

stolonifera aurea. Golden backed Dogwood.

CYDONIA Japonica. (Japanese Quince). Bright scarlet flowers early in spring.

DEUTZIA Crenata. (Pride of Rochester). Double white, very beautiful. June.

Lemoinei. Dwarf free blooming, white.

EUONYMUS Atropurpurea (Burning Bush). Purple blooms in clusters. June.

FORSYTHIA Fortunei. Upright growing; golden yellow. May.

Suspensa (Weeping Golden Bell). Yellow, drooping flowers. April.

HYDRANGEA Paniculata Grandiflora. The showiest of all autumn shrubs, bearing immense heads of creamy white flowers. August, September and October.

Hills of Snow. A beautiful variety blooming after Lilacs, Snowballs, etc., and continuing into August. Blooms pure white and resembles snowballs in form.

LILAC. Always popular on account of their hardness, abundant foliage and abundance of sweet scented flower panicles.

Common white. Each, \$1.00 and \$1.50.

Common purple. Each, \$1.00 and \$1.50.

LILAC. Named varieties more dwarf in habit than the common.

Alphonse Lavelle. Double blue.

Charles X. Reddish purple.

Ludwig Sparth. Deep purplish red, enormous flowers.

Mme. Casimir Perier. Double creamy white.

Michael Buchner. Pale Lilac, double. Each, \$1.00 and \$1.50.

LONICERA Tatarica (Bush Honeysuckle). Pink, sweet scented. May.

MAGNOLIA. Early flowering shrub with large tulip-like bloom. White and pink. Each, \$3.50.

PHILADELPHUS (Mock Orange Syringa). Beautiful foliage and fragrant blooms.

Coronarius. Orange scented creamy white flowers.

Coronarius aureis. Golden leaved.

Lemoinei. More compact than above, creamy white flowers.

RHODODENDRONS. Hardest hybrids. These plants are of hard, stocky growth and well set with flower buds. Fine plants. Each, \$2.50 and \$3.50.

SPIRÆA Callosa Alba. White flowers; May.

Anthony Waterer. Brilliant rosy carmine flowers in dense clusters. Two sizes.

Opulifolia. White flowers in clusters; May.

Prunifolia Flore Pleno (Bridal Wreath). Double white; very free. May.

Van Houttei. One of the finest shrubs; pendulous; pure white flowers in clusters.

SYMPHORICARPOS Racemosus (Snowberry). Flowers pink with pure white berries in the fall; July.

VIBURNUM opulus (Snowball).

Plicatum (Japan Snowball). Large, pure white flowers; beautiful foliage.

Variegata. Pink, foliage variegated; June.

WEIGELA (Diervilla). Begin blooming in June and continue until frost.

Candida. White, Rosea pink.

Eva Rathke. Crimson.



Spiraea Van Houttei

Hardy Climbing Plants

AMPELOPSIS Veitchii (Japanese Woodbine). Known as Boston Ivy; the beautiful hardy climber, conspicuously attractive on our finest streets and buildings. **Each, 50c; doz., \$5.50. Extra size, each, 75c; doz., \$8.00.**

Quinquifolia (Virginia Creeper). **Each, 35c to 50c.**

ARISTOLOCHIA Sipho (Dutchman's Pipe). Very large foliage and curiously shaped flowers. Two sizes. **Each, \$1.00 and \$1.50.**

BIGNONIA (Trumpet Flower.) Handsome, scarlet flowers. Two sizes. **Each, 75c and \$1.00.**

CLEMATIS Paniculata. This lovely white variety, with its thousands of fleecy, small, star-like flowers, is one of the finest climbing plants known. It is deliciously fragrant, is a very rapid climber, flowers freely the first year, and is perfectly hardy. **Each, 50c and \$1.00.**

Jackmanni. One of the best; fine, rich purple. **Each, \$1.00.**

EUONYMUS radicans. Evergreen trailer with glossy green foliage. Only a moderate climber and will be found desirable for covering foundations. **50c and \$1.00.**

Radicans Variegata. Like above with green and white foliage. **50c and \$1.00.**

HONEYSUCKLE Halliana (Hall's Honeysuckle). An excellent climber, foliage dense, flowers white and yellow, fragrant and borne in profusion. **50c and \$1.00.**

LYCIUM Vulgare (Matrimony Vine). Rapid climber, foliage light green, flowers pale purple followed by large showy orange and scarlet fruits. **75c each.**

WISTARIA Chinensis. Strong, rapid grower, light pea shaped flowers borne in long racemes in advance of the foliage. **Each \$1.00.**

WISTARIA Chinensis. Alba. White. **Each, \$1.00.**

Coniferous Trees

Price, except where noted, each, \$1.50 and \$2.50.

ABIES concolor (White Fir). Best Fir in cultivation. Perfectly hardy and rapid grower. Leaves light glaucous green.

Nordmanniana (Nordman's Fir). A very hardy and stately tree and one of the most desirable Firs. Foliage dark green and lustrous.

JUNIPERUS Hibernica (Irish Juniper). A very slender columnar form with numerous upright branches. Very formal in outline. Foliage glaucous green.

PICEA excelsa (Norway Spruce). A tall and picturesque tree extensively planted for shelters and windbreaks. Handsome and hardy, green and graceful.

Pungens var. glauca (Colorado Blue Spruce). Most beautiful of all Spruces for lawn. Foliage silvery blue. **Each \$3.00, \$4.00, \$5.00.**

PINUS Austriaca. (Austrian Pine). A tall quick growing tree with broad crown leaves very dark green. Of great adaptability.

Mughus (Dwarf Pine). A low handsome shrub with dark green leaves. Good for gardens and sloping banks.

Sylvestris (Scotch Pine). A large tree with pyramidal outline. Leaves bluish green. Good for seaside planting.

PSEUDOTSUGA Douglasi (Douglas Fir). A tall pyramidal tree with spreading branches. Foliage dark or bluish green. A beautiful tree of great hardness.

RETINOSPORA plumosa aurea (Golden-Plumed Cypress). A small dense tree of conical outline. Foliage bright golden yellow disposed in numerous feathery branchlets.

Squarrosa Veitchii (Veitch's Silvery Cypress). Similar to the preceding with foliage soft silvery blue.

TAXUS Cuspidata var. brevifolia (Japanese Yew). A dense shrub with several stems. Foliage dark shining green. Beautiful and hardy. Very desirable. **Each, \$3.00 and \$4.00.**

Hardy Roses

Strong potted plants, each 75c; doz., \$7.50.

Alfred Colomb. Brilliant carmine crimson; large.

Anna de Diesbach. Clear, bright rose.

Baron de Bonstettin. Velvety blackish crimson.

Baroness Rothschild. Pale flesh pink, very fine.

Capt. Hayward. Bright crimson.

Duke of Edinburgh. Vermilion.

Fisher Holmes. Rich, velvety crimson.

General Jacqueminot. Brilliant scarlet crimson.

John Hopper. Brilliant rosy crimson.

Jules Margottin. Bright cherry.

La France. Bright lilac rose; center silvery white.

Mabel Morrison. White, faintly flushed with pink.

Madame Gabriel Luizet. Fine satiny rose.

Magna Charta. Bright pink suffused with carmine.

Margaret Dickson. White, pale flesh center.

Merveille de Lyon. White, center blush.

Mrs. John Laing. Soft pink, superb flower.

Paul Neyron. Deep rose, very large.

Prince Camille de Rohan. Velvety crimson.

Ulrich Brunner. Cherry crimson.

Perpetual Blooming Roses

Maman Cochet. Pink, white. **Baby Rambler, Baby Dorothy Perkins, Kaiserin Augusta, Killarney, American Beauty, Chas. Lefebvre, Soleil d'Or, Gruss an Teplitz.** Potted plants. **Each, 85c; doz., \$9.00.**

Hardy Climbing Roses

Crimson Rambler. The blossoms are borne in immense clusters, brilliant crimson color. Flowering plants.

Potted plants, each \$1.00 to \$1.50.

Dorothy Perkins. The finest pink running rose in existence. **Potted plants, \$1.00 to \$1.50.**

Hedge Plants

Barberry Thunbergii. 18 to 24 inches, **doz., \$2.50; 100, \$18.00.**

Privet California. 2 to 2½ ft., **doz. \$2.00; 100, \$10.00.**

Broad-leaved Evergreen Shrub

ANDROMEDA Japonica. A dwarf compact evergreen of globular outline with showy spikes of flower buds forming in autumn, remaining effective throughout the winter and flowering in early spring. Foliage bright and glossy. **Each, \$3.00.**

EUONYMUS Carrieri. A low growing evergreen, forming a perfect ground cover or attaches itself firmly to stones and tree trunks. Foliage deep glossy green. **Each, 50c and \$1.00.**

Vegetus. Similar to the preceding but leaves are larger and of lighter green. Has an abundance of showy fruit. **Each, 50c and \$1.00.**

KALMIA latifolia (Mountain Laurel). One of the most attractive of evergreens both on account of its dark green glossy leaves and its masses of showy pink or rose colored flowers which appear in greatest profusion in June. **Each, \$1.50 and \$2.50.**

Insecticides

ANT DESTROYER. A non-poisonous powder which sprinkled around their haunts will drive black ants from lawn, etc. Pkg., 25c.

ARSENATE OF LEAD (Paste). A poison rapidly taking the place of Paris Green. Adheres well to the foliage and will not burn the tender leaves. Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

ARSENATE OF LEAD (Dry). ½ lb., 35c.

BORDEAUX MIXTURE (Dry). 1 lb., 35c.

BORDEAUX MIXTURE (Paste or Liquid). For all fungoid diseases, such as mildew and various rots of grapes, etc. Pt., 35c; qt., 60c; gal., \$1.50. 1 lb., 30c; 5 lbs., \$1.25.

BORDEAUX MIXTURE WITH ARSENATE OF LEAD (Paste). An excellent combined insecticide and fungicide. Pt., 40c; qt., 75c.

BUG DEATH. A non-poisonous powder that takes the place of Paris Green and other dangerous insect powders. When used as directed it is sure death to potato, squash and cucumber bugs, currant and tomato worms, etc. 1 lb., 20c; 3 lbs., 45c; 5 lbs., 60c; 12½ lbs., \$1.20.

"BLACK LEAF 40" (Nicotine Sulphate). For destroying aphids, thrips, etc., without injuring the foliage. 1 oz. bot., 25c; ½ lb., 75c; 2 lbs., \$2.50; 10 lbs., \$10.75.

CUT WORM KILLER (Sterlingworth). Most effective cut worm killer yet introduced; non-poisonous. 1 lb., 25c; 5 lbs., \$1.00.

LIME-SULPHUR SOLUTION. This preparation is scientifically prepared and is widely recommended and known as one of the best preparations for San José scale, oyster shell scale, etc. Apply fall and spring while leaves are off. One application is not sufficient, as many of the scales get under the rough bark are are difficult to reach. Ready for use by adding 16 to 20 gallons water to each gallon of mixture. 1 gal., 90c; 5 gal., \$3.25.

STERLINGWORTH WEED KILLER. For killing weeds in walks, drives, tennis courts, etc. 1-lb. box, 50c each; 5-lb. box, \$2.00 each.

GRAPE DUST. A preparation to kill the destructive mildew that strikes the grape vine; also for like use upon any other plants or trees affected with mold, mildew or rust mites, either in greenhouses or the open air. 1 lb., 25c; 5-lb. pkt., 75c.

HELLEBORE. Powdered White Hellebore for rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist.

KEROSENE EMULSION. For aphids on all plants. Ready for use by simply adding water. Pt., 30c; qt., 45c; gal. cans, \$1.25.

NICO-FUME (Tobacco Paper). For fumigating greenhouses. The strongest tobacco paper on the market. 24 sheets, 85c; 1 gross, \$4.00; 2 gross, \$7.50.

NICO-FUME LIQUID. 1-lb. tin, \$1.50; 4-lb. tin, \$5.50; 8-lb. tin, \$10.50.

PARIS GREEN. Superior quality. ¼ lb., 20c; ½ lb., 35c; 1 lb., 65c.

PYROX. Insecticide and fungicide for all leaf-eating insects 1 lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.50.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals Paris Green when used liberally without the danger from poison. 1 lb., 20c; 5lb. pkg., 50c.

SCALECIDE. The latest and best spray for San José scales. A mechanical preparation of petroleum oil that instantly mixes with cold water. One gallon of Scalecide to 20 gallons of water sprayed on your trees and bushes will kill every scale that it reaches without injury to tree or fruit bud if applied in late fall, winter or early spring while the foliage is off. Qt., 60c; gal., \$1.45; 5 gal., \$6.45; 10 gal., \$11.00; 30 gal., \$27.00; 50 gal., \$39.50.

SULPHUR, FLOWERS OF. A staple preventive for mildew on grapes, roses, etc. Lb., 15c; 10 lbs., 75c.

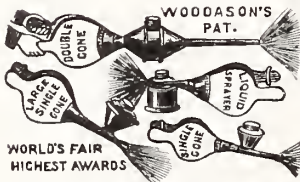
TOBACCO SOAP. Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 ounces in gallon of water. Pkts., 15 and 25c.

TOBACCO DUST. If dusted on while the foliage is moist it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off earthinsects and acts as a fertilizer. Pkt., 20c.

TOBACCO STEMS for Fumigating. Price on application.

FISH OIL SOAP. Commonly known as Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. ½ lb., 15c; 1 lb., 25c.

Garden Tools and Requisites



Bellows. Woodason's Powder. For Hellebore, Tobacco Dust, etc. Each, \$1.75 and \$3.00. **Bellows.** Sulphur. Used for sulphur, \$2.50. **Baskets.** Verbena. Adjustable wooden handles with tin fastenings on the ends. Small size, 10x5, 3 inches deep, \$2.00 per 100.

Dibbles. Used in transplanting cabbages, etc. Steel points. 40c each.

Forks. Digging or Spading, \$1.00 and \$1.45 each. Hay or stable 60c to 90c each. Manure, long or short handles, 75c to \$1.25.

Hoes. Draw, with handles. 85c and 90c each. Hoes, scuffle or Dutch, 50c to 65c each.

Hose, Rubber. Excellent quality, in 25 and 50 foot lengths ½ in., 13c per foot; ¾ in., 14c per foot.

Hose. Extra quality; recommended for greenhouse use; ½ in., 17c per foot; ¾ in., 18c per foot.

Fumigators. Eureka. For smoking greenhouses with dampened tobacco stems. No. 2 holds one peck of stems, \$2.00. No. 3 holds ½ bushel stems, \$2.50. No. 4 holds ¾ bushel of stems, \$3.25.

Garden Lines. Cotton, braided, 48 feet, 50c.

Reels for above. 60c and 75c.

Glazier Points. Peerless. Double pointed steel wire, galvanized. Box of 1,000, 60c.

Glazing Points. Sieberts. Zinc, will not rust; two sizes, ⅝ and ⅞ in. long. Lb., 75c.

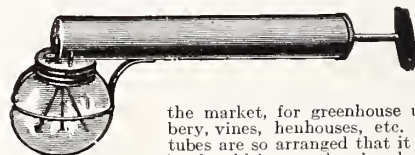
Grafting Wax. ¼ package, 15c; ½ lb., 20c; 1 lb., 35c.

Grass Hooks (Sickles). English, each, 50c and 60c.

Grafting Chisels. 65c.



Fumigator



Tennent Atomizer. With mixer. The newest and best spraying device on

the market, for greenhouse use, trees, shrubbery, vines, henhouses, etc. The spraying tubes are so arranged that it will spray overhead, which no other hand sprayer will do. This feature is appreciated by gardeners. \$1.00 each.

Hose Couplings. Set, 20c.

Hot Bed Mats. Palmer's. Wool filled, frost proof. Made expressly for winter covering of hot beds, cold frames, plants, etc. Price, burlap covering, 76 in. x 76 in.; waterproof duck, one side. Prices upon request.

Knives. Budding and pruning, 65c to \$1.00.

Knives. Asparagus. For cutting asparagus under the surface. 50c each.

Edging Knife. Handled. 80c.

Lawn Rakes. Wooden, best quality. 75c each.

Lawn Sprinkler. Little Wonder. 35c each.

Hose Menders. Cooper's. Made of heavy brass. Requires no wire or plyers to adjust them. For ½ inch or ¾ inch hose, 8c each; dozen, 75c; 1 inch, 10c each; 85c doz.

Hose Nozzle. Boston Rose spray. Copper face, flat. One of the best nozzles for greenhouse, flower garden or lawn. 60c.

Hose Nozzles. Spraying. Bordeaux, \$1.00; Vermorel, \$1.00. Demorel, 90c.

Hose Nozzle. New Boston Spraying. Coarse or fine spray, large or small stream. 75c.

Tremblow's Old English Glazing Putty. For bedding glass in sash or for filling cracks or seams in roof joint or frames of greenhouses or hot beds. Once set on dry wood it does not heave. Gal. \$2.25.

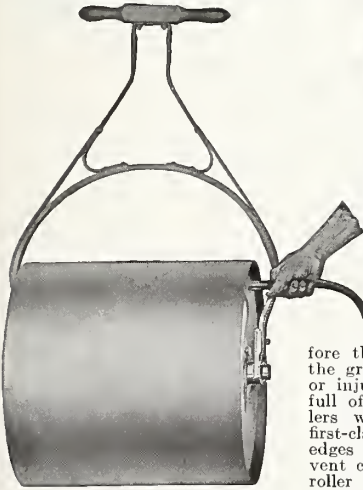
We import large quantities of Fall Bulbs and handle strictly first quality.

Potato Digger, 6 tine, \$1.20
Pruners. Water's Tree. This pruner never fails to cut the slightest twig. It is the cheapest and most practical pruner on the market. 6 ft., 75c; 8 ft., 85c; 10 ft., \$1.00; 12 ft., \$1.10.
Pruners. Telegraph, without handles. \$1.25 each.

Pumps. Perfect Success Bucket Spray. The best and most durable portable hand pump. It has large air chamber, double acting, throws continuous stream either solid or in fine spray. \$7.00.



Rollers. The benefit derived from the use of a roller on the lawn, especially in the spring, is not fully understood. The action of freezing and thawing causes the ground to heave and if the sod is not firmly pressed back with a roller before the hot weather begins the grass is apt to be killed or injured, leaving the lawn full of bare spots. The rollers we offer are made of first-class material, outer edges being beveled to prevent cutting sod and face of roller is turned perfectly smooth.



DURHAM WATER WEIGHT ROLLERS.

	Diam.	Lgth.	Weight Empty	Filled Water	Filled Sand	Price
W. B. 5.....	18	24	85	300	500	\$14.00
W. B. 7.....	24	24	110	500	800	18.50

Other sizes, prices upon application.

BROWN'S SPRAYERS

Auto Spray No. 1 B. Brass tank, four gallon capacity. Two pumping of about fifteen strokes each will discharge contents under constant pressure. The simplest and strongest compressed air sprayer. With automatic Auto Pop Nozzle. Each \$12.00.

Auto Spray No. 1 D. Same equipment as above. Galvanized tank, each, \$8.00. Extension pipe 2 ft. brass, each 60c.

Auto Spray No. 5. A double acting general purpose hand pump. All working parts brass and interchangeable, easily taken apart for cleaning. Pump may be used in any receptacle or in connection with the galvanized knapsack as offered.

Pump, Hose, Nozzle and Strainer. Complete, \$5.50.

Galvanized Knapsack. \$4.00.

Auto Spray No. 25 B. One quart continuous hand spray galvanized tank. \$1.25.

Auto Spray No. 25 D. Like above. Two quart capacity. \$1.50.

Auto Spray No. 22. All tin single acting hand sprayer. 50c.

Saws, Pruning. 18-in., 90c; 20-in., \$1.00.

Scythes. Cast steel. Best quality, \$1.50 and \$1.75.

Scythe Stone. Talacre, oval. Each, 25c.

Shears. Grass border. English. 9-in., \$2.75; 10-in., \$3.00.

Rakes. Garden steel, 12 teeth, 80c; 14 teeth, 85c; 16 teeth, 90c.

Shears. Hedge. 8-in., \$1.75; 9-in., \$2.15; 10-in., \$2.50; with notch, 25c extra.

Shears. Hand pruning. French, each, \$1.50 to \$2.00; American, 75c.

Shears. Sheep. Used for trimming grass borders, 60c to \$1.25.

Shovels. Ames' square and round pointed, long or short handles, \$1.50.

Shovel. Steel. Each, \$1.00.

Spades. Steel. \$1.00 to \$1.50.

Sprayers. Woodason Bellows. For the application of all liquid insecticides. \$1.25.

Sprinkler. Scollay's Rubber. For florists' use and window gardening. Each, \$1.15.

Sprinkler. Angle-neck. For spraying under leaves. Each, \$1.25.

Thermometers. Tested and guaranteed. Japanned tinned case, 7-in., 50c; 8-in., 60c; 10-in., 70c each.

Thermometers. Incubator. Various patterns. Each, 60c.

Thermometers. Brooder. Each, 50c.

Thermometers. Hot Bed and Mushroom Bed. Boxwood, brass tip, made for plunging. \$2.00.

Tree Scraper. Hardwood handle. Each, 50c.

Trowels. Garden. Forged steel. 6-in., 45c; 7-in., 50c

Trowels. Garden. Common steel blade. Each, 15c.

Trowels. Garden. Solid steel. Each, 6-in., 30c.

Wheelbarrows. Custom—medium, \$5.25; large, \$5.75.

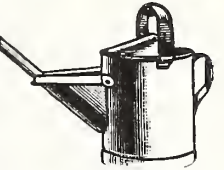
Watering Pots, Galvanized

Made from the best quality iron and galvanized after being made. The strongest watering pot made. The joints are brass. Two copper face roses go with each pot for fine and coarse watering. 6-qt., \$2.60; 8-qt., \$3.00; 10-qt., \$3.25; 12-qt., \$3.50.

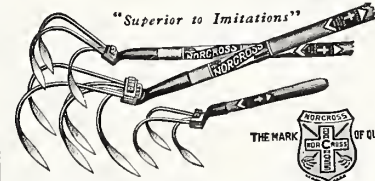
Watering Pot French Pattern. Same as above in quality, oval in shape, with brass handle. 6-qt., \$3.00; 8-qt., \$3.25; 10-qt., \$3.50; 12-qt., \$4.00.

Watering Pots. Galvanized iron, heavy and well made. 4-qt., 60c; 6-qt., 75c; 8-qt., 90c; 10-qt., \$1.10.

Watering Pots. Painted. For window gardening without rose. 2-qt., 90c.



Norcross Cultivator Hoes and Weeders



The prongs are spring steel, attached to malleable head by four bolts. Loosening the nuts releases one or more prongs without removing bolts. Extremely popular implements.

5 prong Cultivator Hoe, 4 foot handle.....	\$1.00
3 prong Cultivator Hoe, 4 foot handle.....	.70
3 prong Midget Weeder, 9-inch handle.....	.35

Weeders

Excelsior. Used for loosening the soil in borders and beds. Each, 15c.

Hazeltine. Each, 30c.

Magic. A very handy spring tooth hand weeder. Each, 15c to \$1.00.



Basketry Supplies

Raffia Natural and Colored. Reed No. 1 to No. 8.

Wood Bottoms. Chair Cane. Binding. Flat Reed. Instruction Books.

Folding Plant Stand

Can be opened or folded in a few seconds. Finished in green and bronze. Compact and durable. Takes up very little space when not in use. 3 wire trays, 7½x30, \$3.75.

Wire Window Shelf

with steel brackets. Can be applied to any window moulding. 30-inch shelf, 75c. 36-inch shelf, \$1.00. 42-inch, \$1.25.



Plant Stakes

HEAVY or DAHLIA STAKES

	Doz.	100
4 ft.	\$1.00	\$7.50
5 ft.	1.25	9.50
6 ft.	1.60	12.00

ROUND, TAPERING—PAINTED GREEN

	Doz.	100
1½ ft.	\$0.20	\$1.25
2 ft.	.35	2.30
2½ ft.	.50	3.50
3 ft.	.65	4.75
3½ ft.	.75	5.90
4 ft.	.95	7.25
5 ft.	1.15	8.50

PLANT STAKES—PAINTED GREEN—SQUARE

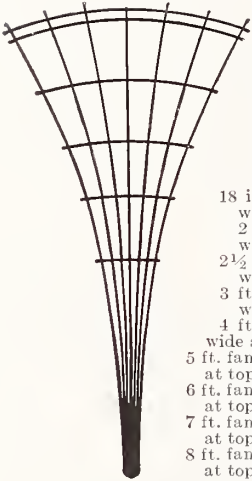
	Doz.	100
1½ ft.	\$0.25	\$1.50
2 ft.	.35	2.25
2½ ft.	.50	3.50
3 ft.	.75	5.50
3½ ft.	.85	6.50
4 ft.	1.00	7.50
5 ft.	1.35	10.00
6 ft.	1.50	12.00
7 ft.	1.75	14.00

Cane Stakes. Can be cut to any desired length; much used by florists for supporting roses, carnations, lilies, etc. 6 ft., doz., 20c; 100, \$1.25; 8 ft., doz., 35c; 100, \$2.00.

Pointed Match Sticks. Green 12-in., doz., 5c; 100, 20c; 18-in., doz., 5c; 100, 25c.

Galvanized Wire Stakes. Straight, largely used for supporting carnations. 2 ft., 100, \$1.00; 3 ft., 100, \$1.50.

Plant Trellis

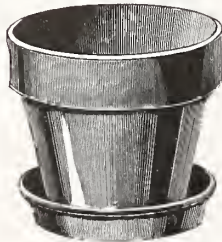


	Each
2 ft. Veranda	\$0.60
3 ft. Veranda	.70
4 ft. Veranda	.85
6 ft. 18 in. wide	1.50
6 ft. 28 in. wide	2.35
7 ft. 18 in. wide	1.75
8 ft. 18 in. wide	2.00
8 ft. 28 in. wide	3.00
10 ft. 20 in. wide	2.75
10 ft. 31 in. wide	4.00
12 ft. 20 in. wide	3.50
12 ft. 36 in. wide	4.50
18 in. fan trellis, 6 in. wide at top	.25
2 ft. fan trellis, 10 in. wide at top	.30
2½ ft. fan trellis, 13 in. wide at top	.45
3 ft. fan trellis, 16 in. wide at top	.85
4 ft. fan trellis, 32 in. wide at top	1.25
5 ft. fan trellis, 32 in. wide at top	1.50
6 ft. fan trellis, 38 in. wide at top	1.75
7 ft. fan trellis, 42 in. wide at top	2.00
8 ft. fan trellis, 46 in. wide at top	2.25

Standard Flower Pots

Retail Prices on Flower Pots			
In.	Each	Doz.	100
2	\$0.02	\$0.20	\$1.15
2½	.03	.25	1.30
3	.03	.25	1.50
3½	.04	.30	2.00
4	.04	.35	2.40
4½	.05	.45	3.00
5	.07	.75	5.40
5½	.08	.90	6.75
6	.10	1.10	8.00
7	.16	1.75	13.50
8	.25	2.75	20.00
9	.40	4.00	30.00
10	.65	7.00	54.00
11	.75	8.00	60.00
12	1.00	10.89	82.50
14	1.50		
15	2.25		
16	3.25		

Measurements from Inside to Inside. Width and Depth Equal.



Azalea Pots and Seed or Bulb Pans. Prices same as Standard Pots.

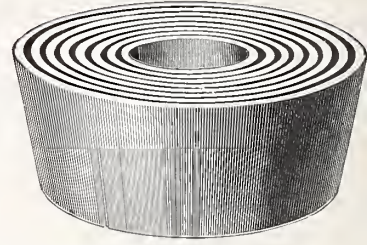
Flower Pot Brackets

Adapted to plain flower pots and saucers. Flat steel, perfectly strong. Can be fastened on narrowest moulding. Black finish. No. 1, for a 5-in. pot, 40c; No. 2, for a 6-in. pot, 50c; No. 3, for a 7-in. pot, each, 60c.

Fern Pans

The pans are especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements.

Size	Each
4 x 1½ in.	\$0.06
4½ x 2½ in.	.07
5½ x 2½ in.	.09
6½ x 2½ in.	.12
7 x 2½ in.	.14
8 x 3½ in.	.16
9 x 3½ in.	.20
10 x 4 in.	.25



Hanging Pots

7-in., each, 20c; 8-in., each, 25c; 9-in., each, 30c; 10-in., each, 40c; 12-in., each, 60c.

Chains, each, 15c. Hooks, 9-in., each, 30c; 12-in., each, 35c.

Clay Flower Pots Saucers

In.	Each	Doz.	100	In.	Each	Doz.	100
4	\$0.04	\$0.35	\$2.25	11	\$0.20	\$2.15	\$16.50
5	.05	.45	3.00	12	.25	2.50	19.25
6	.06	.60	4.50	14	.30		
7	.08	.80	6.00	15	.45		
8	.10	1.10	8.25	16	.60		
9	.15	1.50	11.25	18	.75		
10	.17	1.75	13.60				

Flower Vases

Made of clay and glazed inside for displaying cut flowers.

	Each		Each
10 in. high.....	\$0.35	14 in. high.....	\$0.65
12 in. high.....	.45	16 in. high.....	.90

Pierce Paper Flower Pots

Made from tough fibre paper, sealed together at the joints and coated with a waterproof material, giving strength and lasting qualities.

	Doz.	100
2½ in.	\$0.07	\$0.35
2½ in.	.08	.40
3 in.	.09	.50
3½ in.	.12	.70
4 in.	.15	.90
5 in.	.25	1.35
6 in.	.35	1.75

Waterproof Flower Pot Saucers



Indurated wood fibre; light durable, not porous; protects tables on which plants stand.

	Each	Doz.
4 in.	\$0.17	\$1.90
5 in.	.17	2.00
6 in.	.18	2.10
7 in.	.19	2.25
8 in.	.20	2.35
9 in.	.22	2.60
10 in.	.23	2.70
12 in.	.28	3.25
14 in.	.36	4.25
16 in.	.63	
18 in.	.74	

Rolling Stands

These are made of fibre ware mounted on casters. They are of great convenience for using with the larger size pots and tubs. Being perfectly waterproof they are especially suitable for use in parlors, halls, etc.

parlors, halls, etc.	Each		Each
12 in. diameter.....	\$0.90	18 in. diameter.....	\$1.50
14 in. diameter.....	1.10	20 in. diameter.....	1.75
16 in. diameter.....	1.25	22 in. diameter.....	2.25

Plant Tubs

Made of White Cedar, painted, light and attractive.

	Diam.	Height	Each
No. 5.	10 in.	9 in.	\$0.95
No. 6.	11 in.	10 in.	1.15
No. 7.	12 in.	11 in.	1.40
No. 8.	13 in.	12 in.	1.75
No. 9.	14 in.	13 in.	2.00
No. 10.	15 in.	14 in.	2.25
No. 11.	16 in.	15 in.	2.50
No. 12.	17 in.	16 in.	2.80
No. 13.	18 in.	17 in.	3.25
No. 14.	19 in.	18 in.	3.75



Labels

WOODEN POT AND GARDEN

	Per	Per
	100	1000
4 in. Pot Labels, Painted.....	\$0.15	\$1.10
4 1/2 in. Pot Labels, Painted.....	.15	1.25
5 in. Pot Labels, Painted.....	.20	1.50
6 in. Pot Labels, Painted.....	.25	1.75
8 in. Garden Labels, Painted.....	.60	5.00
10 in. Garden Labels, Painted.....	.75	6.50
12 in. Garden Labels, Painted.....	.90	8.00
3 1/2 in. Copper Wired, Tree, Painted.....	.25	1.75

Simplex Weatherproof Label. Neat, convenient and permanent. No. 1, 3x 3/4 inch, 25c doz; \$2.00 per 100. No. 2, 4x 3/4 inch, 50c doz; \$4.00 per 100.

Adjusto Plant Support

The most simple and easily adjusted plant support on the market. The ring opens to place about the plant, is hooked together and placed at any desired height on the stake to accommodate the plant's growth. An ideal support for Tomato, Peonies, Dahlias, etc.

	Each	Doz.
3 ft.....	\$0.15	\$1.75
4 ft.....	.20	2.25
5 ft.....	.25	2.75

Sundries

Lawn Mower Oil. 1 qt., 30c; 2 qt., 50c; 1 gal., 75c.

Oilers. 15c and 20c each.

Twine. White cotton, best four-ply. 80c per lb.

Jute Twine. For tying plants or vegetables, 35c.

Tinfoil. 25c per lb. Tinfoil, violet, 50c lb.

Tissue Paper. \$2.25 per ream.

Wrapping Paper. White. 10c per lb.

Bouquet Wire. Cut 12 and 18 inches, 25c lb.

Bouquet Wire. Fine. 30c per lb.

Wax Paper. Per Ream, \$1.00.

Bouquet Holders. Iron, for cemetery use, 30c each.

Bouquet Holders. Glass, for cemetery use, 35c each.

Bouquet Holders. Clay, for cemetery use, 35c and 50c each.

Derby Lawn Mower

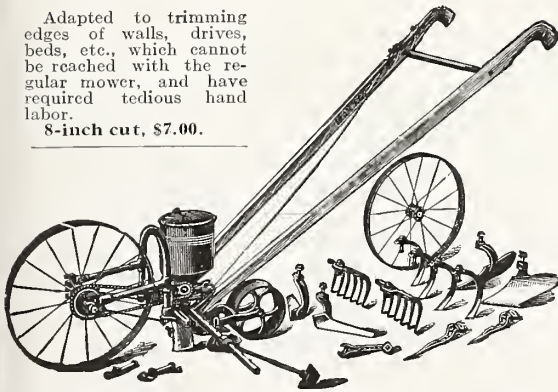
A Superior Medium Priced Machine

This mower is built to accommodate those who have only limited city lots to mow. And while of lighter construction than our "Lion," in quality of materials we consider it equal. 14-inch, \$9.50; 16-inch, \$10.50; 18-inch, \$11.50.

Gleaner Lawn Trimmer

Adapted to trimming edges of walls, drives, beds, etc., which cannot be reached with the regular mower, and have required tedious hand labor.

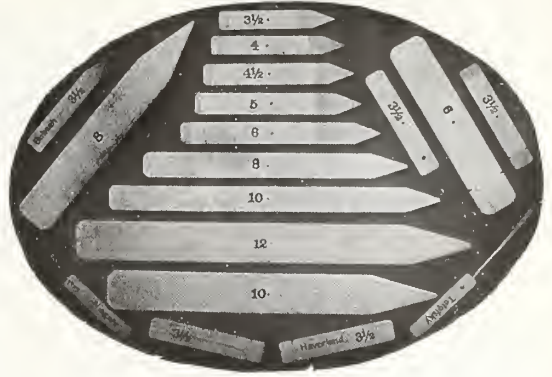
8-inch cut, \$7.00.



The "Gem of the Garden" Wheel Hoe

Single Wheel Hoe

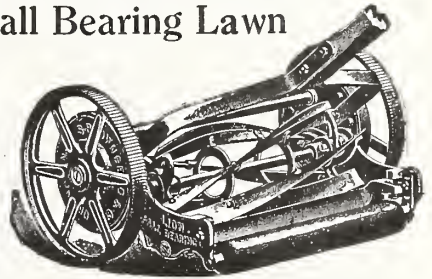
No greater proof can be given of the popularity of a tool, or its intrinsic worth, than the one simple fact of a continued demand for it. In the past few years there have been placed about fifteen thousand of the "Gem" Wheel Hoes in the hands of gardeners, and we are not aware of a single instance in which it has failed to give entire satisfaction to the user. It is not a toy, neither is it a tool made of light gray castings, calling for constant repair, the "Gem" being largely made up of steel and malleable iron. The set of slender, stirring teeth, each stamped from one piece of steel, cannot be excelled for thorough work, especially in hard soil. Price, complete, \$3.50. With teeth only, \$7.00.



Our Annual Bulb Catalog will be issued September 1.

"Lion" Ball Bearing Lawn Mower

The ball bearing in lawn mowers is the latest and probably the greatest improvement in their manufacture. The "Lion" is constructed with 10-inch skeleton rim driving wheels, 6 1/4 inch cutting cylinder with five knives. Is a strong and powerful, easy running mower.



For those who mow their lawns frequently we advise the use of fine blade machines, as they leave the lawn in a very smooth condition. 16-inch, \$16.00 18-inch, \$17.50 20-inch, \$19.00

Roller Lawn and Golf Mowers

On lawns where exceptionally fine cutting is a necessity, there are no mowers equal to these. They cut smoothly, effectually doing away with that wavy appearance so often seen on a freshly cut lawn. They will also roll down a new lawn and protect it against upheavals caused by dampness, ants and other insects. These are the only mowers that will cut borders properly and without danger of cutting the sod. Price, 18-inch, \$26.00.

"Iron Age" Combined Seed Drill and Double Wheel Hoe

The Seed Drill is complete in itself, merely requiring to be bolted with two bolts to the wheel frame. As a drill it opens the furrow, drops the seed, covers and rolls it and marks the next row at one passage. It can be set to sow shallow or deep, thick or thin, as the flow of seed can be instantly shut off to turn rows. The agitator is a revolving brush which will not injure seed in the slightest.

301 Double and Single Wheel Hoe, complete without rakes, \$12.00.

301R Above with Rakes, \$13.00.

313 Above, Side Hoes and Teeth only, \$10.50.

303 Above, Side Hoes only, less Vine Lifters, \$8.75.

304 Combined Double and Single Wheel Hoe and Drill

Seeder (no Rakes), \$21.00.

306 Combined Double and Single Wheel Hoe, Hill and

Drill Seeder (no Rakes), \$22.00.

308 Hill and Drill Seeder

(new), \$19.00.

320R Single Wheel Hoe complete

with Rakes, \$10.00.

320 Above, without Rakes,

\$9.00.

321 Above, Side Hoes only,

less Vine Lifters, \$7.00.





Healthy birds and lots of eggs, the two big things in poultry raising, are made certain by giving

Pratt's Poultry Regulator

Packages, 60c and 30c.



It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting birds in condition for heavy egg laying or winning blue ribbons. Pratt's is the original Poultry Regulator of America and is in use by the most successful poultry raisers everywhere. When regularly used, hens lay throughout the year. It will prevent chicken cholera, gapes, roup, rheumatism, expel worms, prevent leg weakness and egg eating. It will greatly improve turkeys, geese, ducks, pigeons and guineas insuring quick growth and keep them free from disease.

Get rid of lice on your poultry, in nests, dust baths, incubators and elsewhere in a day's time by using

Pratt's Powdered Lice Killer

60c and 30c



Effective, non-poisonous, non-irritating. May be used wherever a powder is suitable. A splendid deodorizer.

It quickly and thoroughly kills all lice on little chicks, big chicks, setting hens and incubator chicks. It rids horses, cattle, hogs, dogs and cats of lice, and destroys ticks on sheep. It destroys insects and bugs on vines, plants and flowers. A valuable deodorizer and disinfectant for all poultry houses, barns, stables and dwellings. Drives out moths from closets, furniture, carpet and clothing.

When baby chicks come, keep them healthy and growing and bring even the weak ones along by feeding

Pratt's Baby Chick Food

Packages 30c and 60c

A largely predigested baby food for baby chicks. Guaranteed to raise every livable chick. Costs a cent a chick for three weeks. Prevents leg weakness, white diarrhea, "pasting up" and other chick diseases.



PRATT'S CONDITION TABLETS. 25c and 50c.

PRATT'S SORE HEAD CHICKEN POX REMEDY. 25c and 50c.

PRATT'S ROUP REMEDY. Tablets or Powder. \$1.00, 50c and 25c.

PRATT'S POULTRY DISINFECTANT. Qt., 50c.



Poultry Supplies

CONKEY'S REMEDIES. Roup Remedy, Cholera Remedy, White Diarrhea Remedy, Lice Powder, Lice Liquid, Head Lice Ointment, Poultry Tonic.

CONKEY'S BUTTERMILK STARTING FOOD. Makes strong sturdy healthy chicks that grow quickly and steadily, making heavy layers, plump broilers and real profit makers.

CHARCOAL (Granulated). Aids digestion and corrects many of the poultry ills. Pkg., 15c.

MICA CRYSTAL GRIT. For Chickens, Geese, Turkeys Pigeons and Birds. It makes thorough digestion of food possible. Two grades for chicks and poultry. Price, pkg., 10c; 100 lb. bag, \$1.50.

GROUND OYSTER SHELLS. Furnishes one of the best sources for shell-making material. Thoroughly washed and dried. Price, pkg., 10c; 100-lb. bag, \$1.50.

DRINKING FOUNTAINS. Sanitary, square, galvanized, in two parts, easily cleaned and filled. Price, 1 gal., 65c; 2 gals., \$1.10.

SANITARY FEED BOX. Made of galvanized iron with three spaces. Price, 85c.

LEG BANDS. Aluminum. Doz., 15c; 100, 75c.

LEG BANDS. Celluloid assorted colors. Doz., 15c; 100, 75c.

INSECT POWDER BELLOWS. Each, \$1.75 and \$3.00.

PORCELAIN NEST EGGS. Price, each, 3c; doz., 30c.

EGG TESTERS. Made of tin; will fit any small lamp. Each, 35c.

EGG BOXES. Doz., 15c; 100, \$1.00.

HESS PANACEA

HESS ROUP CURE

HESS INSTANT LOUSE KILLER

Fertilizers

SHEEP MANURE, Pulverized. This is a pure natural manure, and the most nutritious food for plants. It is excellent as a top dressing for lawns. There is nothing better for mixing with the soil for greenhouse plants; one part manure and six parts soil. For use in the vegetable garden, placed directly in hills or drills, it promotes a rapid and steady growth. 2-lb. pkg., 20c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$16.00; 1,000 lbs., \$30.00; 1 ton, \$57.50.

UNLEACHED HARDWOOD ASHES. As a fertilizer for lawns, gardens and fruits, Hardwood Ashes are unequalled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. Price, 100 lbs., \$2.00.

SPECIAL HIGH GRADE FERTILIZERS. For Farm, Garden and Lawn. Standard brands at market prices.

LAND PLASTER. Used for preventing bugs from destroying cucumber, melon and squash vines. Price, pkg., 25c; bag, \$1.00.

BOWKER'S FOOD FOR FLOWERS. A dressing made expressly for plants grown in the house, garden, or conservatory. Clean, odorless, and producing early and abundant blossoms, and healthy, luxuriant plants. Small packages enough for thirty plants for three months. Each, 15c. Large pkg., 25c.

BON ARBOR. A complete plant food, immediately soluble and applied directly to root of all plants, giving healthy, lasting growth. 7-oz. pkg., 25c; 1-lb. pkg., 50c.

PURE GROUND BONE MEAL. This finely pulverized ground bone is excellent for rose culture, top dressing for lawns and for potted plants. 5-lb. pkg., 35c; 10 lbs., 60c; 50 lbs., \$2.00; 100 lbs., \$3.50; 167-lb. bag, \$5.00.

NITRATE OF SODA. This is valuable solely for the nitrogen it contains, equal to 20 per cent. of ammonia. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 500 pounds per acre. 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$7.50.

A		Flower Seeds.....	13-22	O	
Artichokes.....	2	Fruits.....	26	Okra.....	7
Asparagus.....	2	G		Onions.....	8
B		Garden Implements.....	28-32	Oxalis.....	25
Beans.....	2	Gladiolus.....	23	Oyster Plant.....	10
Beets.....	3	Gloxinias.....	23	P	
Begonias.....	23	Grains, etc.....	12	Parsley.....	8
Bird Seed.....	12	Grasses, Ornamental.....	22	Parsnips.....	8
Borecole.....	3	Grass Seeds.....	12	Peas.....	9
Broccoli.....	3	Gumbo.....	7	Pepper Grass.....	5
Brussels Sprouts.....	3	H		Peppers.....	8
Bulbs.....	23-24	Hedge Plants.....	25	Perennials.....	25
C		Herbs.....	11	Potatoes.....	8
Cabbage.....	4	Hyacinthus.....	25	Poultry Supplies.....	27
Caladium.....	23	I		Pumpkins.....	9
Calla Lilies.....	23	Insecticides.....	28	R	
Cannas.....	23	Ismene.....	24	Radishes.....	9
Carrots.....	3	K		Roses.....	26
Cauliflower.....	4	Kale.....	3	S	
Celery.....	4	Kohl Rabi.....	6	Salsify.....	10
Chard, Swiss.....	3	L		Shrubs.....	25-26
Chervil.....	4	Leek.....	7	Spinach.....	10
Climbing Plants.....	26	Lettuce.....	6	Spinach Beet.....	3
Clovers.....	12	Lilies.....	24	Squash.....	10
Corn.....	5	M		T	
Corn Salad.....	5	Madeira Vine.....	25	Tigridias.....	25
Cress.....	5	Mangel Wurzels.....	3	Tobacco.....	10
Cucumbers.....	5	Millets.....	12	Tomatoes.....	11
D		Montbretias.....	25	Tools and Requisites.....	28-29
Dahlias.....	24	Mushrooms.....	7	Tuberoses.....	25
Dandelion.....	6	Muskmelon.....	7	Turnips.....	11
E		Mustard.....	7	V	
Egg Plant.....	6	N		Vegetable Roots.....	11
Endive.....	6	Nasturtium.....	7	Vegetable Seeds.....	2-11
F		W		Vines.....	26
Fertilizers.....	27	Watermelon.....		7	
Fetticus.....	5				

Inoculate Your Garden Beans, Peas, Sweet Peas, Alfalfa, Clovers, and all other legume crops with

Mulford Cultures

FOR LEGUMES



Uninoculated ALFALFA Inoculated
Photographed on same scale. Plant on left not inoculated—Plant on right inoculated with **Mulford Culture for Alfalfa**. All other conditions identical.

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Legumes offer the best-known means of maintaining soil fertility and rejuvenating over-cropped and wornout fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for

Alfalfa	Alsike Clover	Vetch	Lima Beans
(Lucerne)	Burr Clover	Velvet Beans	Lespedeza
Crimson Clover	Cow Peas	Sweet Peas	Beggar Weed
Sweet Clover	Soy Beans	Garden Peas	and Others
Red Clover	Peanuts	Garden Beans	

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

PRICES:	5-Acre Size, \$5.00 (A Dollar per Acre)
	1-Acre Size.....\$1.50
	1/4-Acre Size......50
	Small Size (Supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas).....25

WILLIS S. PINO

41 AND 43 WASHINGTON STREET
COR. EDDY ST. PROVIDENCE, R.I.



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PEAS
LAXTONIAN

PEAS
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YELLOW GLOBE
DANVERS



SWISS CHARD, LARGE WHITE